

File 347:JAPIO Oct 1976-2002/Apr(Updated 020805)

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File 350:Derwent WPIX 1963-2002/UD,UM &UP=200255

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Set	Items	Description
S1	1230721	IP OR INTELLECTUAL()PROPERT? OR PATENT? ? OR TRADEMARK? ? - OR SERVICEMARK? ? OR (TRADE OR SERVICE)(1W)MARK? ? OR COPYRIG- HT? ? OR TRADE()SECRET? ?
S2	72179	SECURITIES OR STOCKS OR BONDS OR MUTUAL()FUNDS OR SHARES OR INVESTMENT? OR FINANCIAL()INSTRUMENT? OR EQUITIES OR CAPITAL OR FOREIGN()EXCHANGE OR FUTURES OR OPTIONS OR COMMERCIAL()PAP- ER OR PORTFOLIO?
S3	859504	CALCULAT? OR SCORE? OR SCORING? OR STATISTIC? OR COMPUTATI- ON? OR ALGORITHM? OR VALUAT? OR GAUG? OR SCALE? OR INDEX?
S4	2208	OPTION()PRICING OR (PRICE OR PREMIUM OR TOTAL()VALUE)(3N)S3 OR BLACK(1W)(SCHOLES OR BOX) OR HULL(1W)WHITE OR CO()ROSS()R- UBINSTEIN OR VOLATILITY(1W)(SMILE OR SKEW) OR CONTINGENT()CLA- IMS()ANALYSIS OR CCA
S5	92185	DATA() (BASE? OR BANK? ? OR SYSTEM? OR MAPPER OR REPOSITOR?) OR DATABASE OR DATABANK OR OODB OR DBMS OR RDBMS
S6	13	S1 AND S2 AND S4
S7	36	(S1(10N)S4) NOT S6
S8	1207890	PRICE OR VALUE? OR WORTH
S9	46	(S1(5N)S8) AND S2
S10	45	S9 NOT (S6 OR S7)
S11	284	(S1 OR S2) AND (S3(5N)S4)
S12	248	S11 NOT (S6 OR S7 OR S10)
S13	165	S12 AND IC=G06F-017/60
S14	36	S13 AND S5
S15	36	S14 NOT (S6 OR S7 OR S10)
S16	5	(S1(5N)S5) AND S4

Reviewed T.S 9/10/02 .

all abstracts.

6/5/1 (Item 1 from file: 347)
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07240775 **Image available**

DERIVATIVE FOR ENHANCING OPERATION EFFICIENCY IN TOKYO STOCK PRICE INDEX
(TOPIX) FUTURES AND ITS COMMERCIALIZATION METHOD

PUB. NO.: 2002-109226 [JP 2002109226 A]
PUBLISHED: April 12, 2002 (20020412)
INVENTOR(s): WATANABE MASAARI
APPLICANT(s): WATANABE MASAARI
APPL. NO.: 2000-338273 [JP 2000338273]
FILED: October 02, 2000 (20001002)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To commercialize derivative which facilitates the arbitration transaction of Tokyo stock Price Index (TOPIX) futures and actual stock, has a business-by-business feature and facilitates fund operation.

SOLUTION: The number of securities and the number of listed stock to be an object for calculating TOPIX and the total amount of the current price are nearly equally divided and made into an index so that efficiency is enhanced in managing the TOPIX futures .

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6/5/2 (Item 2 from file: 347)
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07205565
PLATINUM RESERVING WITH N% INTEREST

PUB. NO.: 2002-073997 [JP 2002073997 A]
PUBLISHED: March 12, 2002 (20020312)
INVENTOR(s): ASANO HIROSHI
APPLICANT(s): ASANO HIROSHI
APPL. NO.: 2000-306861 [JP 2000306861]
FILED: August 31, 2000 (20000831)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a profitable financial commodity using pure gold reserving/platinum reserving.

SOLUTION: While ensuring a trust period not less than one year, first, a trust deposit is invested to long-term government bonds or first-class bonds and the like. By using these bonds as a trust fund deposit substituent bond, a merchandise of last month of platinum or gold is selected on the Tokyo industrial article exchange or the New York article exchange, and the same bimonthly merchandise is continuously bought and reserved bought and saved on each operation day by a price calculated by dividing the total amount of a trust deposit with the number of operation days of the exchange for one year. An investment bond such as government bonds is converted into money on an account settlement day after one year, and a commodity dealt in future is received as a spot. Therefore, an interest of 3 to 5 % can be obtained by the long-term bonds , and due to dealings in futures , platinum or gold can be bought at a 6% cheaper price on average compared with a spot buying at the daily retail price. Though an interest of monthly reserving become 1.5 to 2.5% which is a half of the long-term bonds , even if receiving some amount of commission from that, a realization price of one million Japanese yen + 4% can be returned to customers, when the total amount of buying deposit remains one million Japanese yen if a market price has not changed during

the period.

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6/5/3 (Item 3 from file: 347)
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07205557 **Image available**
DEVICE FOR ASSISTING STOCK PURCHASE

PUB. NO.: 2002-073989 [JP 2002073989 A]
PUBLISHED: March 12, 2002 (20020312)
INVENTOR(s): WATANABE MASAHIKO
APPLICANT(s): WATANABE MASAHIKO
APPL. NO.: 2000-268721 [JP 2000268721]
FILED: September 05, 2000 (20000905)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a device for assisting stock purchase that allows **investment** safety values to be displayed in increasing numerical order on a display, together with names of corresponding joint-stock companies and helps find a stock having high accuracy of profitability.

SOLUTION: The device B for assisting the stock purchase **calculates** $\{(\text{stock price} \div \text{dividend}) \times (\text{stock price} \div (\text{earnings per share} \times \text{ROE})) \div (\text{earnings per share} + \text{earnings per employee} + \text{profit rate} + \text{growth rate}) \text{ and } (\text{profit rate} \times \text{growth rate})\}$ for each stock stored in a hard disc 23 to calculate the **investment** safety value and a stable-growth value for each stock and displays the **investment** safety values in increasing numerical order on a monitor 3, together with the stable-growth values and the names of the corresponding joint-stock companies.

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07205554 **Image available**
METHOD FOR ASSISTING TRANSACTION AND STORAGE MEDIUM RECORDING PROGRAM FOR ASSISTING TRANSACTION

PUB. NO.: 2002-073985 [JP 2002073985 A]
PUBLISHED: March 12, 2002 (20020312)
INVENTOR(s): YOKOTA TAKESHI
KOBAYASHI YASUHIRO
KUBO OSAMU
IKEDA YUICHI
SEKIMOTO TAKAO
SHIMOKAWA TOSHIYUKI
NAKAGAWA MASAYUKI
NORICHIKA YUKIKO
APPLICANT(s): HITACHI LTD
APPL. NO.: 2000-257167 [JP 2000257167]
FILED: August 28, 2000 (20000828)
INTL CLASS: G06F-017/60; G06F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To construct a method for providing information assisting an **investment** behavior based on prediction of a future **investment** behavior of an actual investor through reflection of momentarily changing market condition and performing an actual **investment** behavior automatically.

SOLUTION: The system includes an **investment** behavior input device 1, a market information database 2, a security holding condition database 3, an **investment** behavior rule database 4, a market information input device 5, a market condition predicting device 6, an **investment** behavior database 7, a predicted price database 8, an **investment** behavior rule correcting device 9, an **investment** behavior rule correcting device 10 using market information, an automatic transaction device 11, a predicted result display 12, a market **price calculating** rule correcting device 13, and a market **price calculating** rule database 14.

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6/5/5 (Item 5 from file: 347)

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07187793 **Image available**

REAL ESTATE **INVESTMENT** DETERMINING SUPPORT SYSTEM INCLUDING RENT
CALCULATING MEANS AND CAP RATE CALCULATING MEANS

PUB. NO.: 2002-056192 [JP 2002056192 A]
PUBLISHED: February 20, 2002 (20020220)
INVENTOR(s): MIYAZAKI MASARU
APPLICANT(s): SUMITOMO TRUST & BANKING CO LTD
APPL. NO.: 2000-243457 [JP 2000243457]
FILED: August 10, 2000 (20000810)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a system which supports determination of real estate **investment** by presenting the **investment** adequacy, market rent, cap rate of real estate and the **investment** interest of real estate **bonds** (dead and equity) to a real estate broker and a general investor while combining the contrast of **statistics** by analysis of **price** decision factors and the accumulation of building scores (**investment** adequacy) with a competition article.

SOLUTION: This system includes a rent calculating means which contrasts and compares rental conditions including the rent of an object building with building attributes and rental conditions of a competition building by using a rent model for a building and estimates rental conditions including the rent corresponding to the building attributes of the object building by a computer and a cap rate calculating means which **stocks** the building scores (**investment** adequacy) and demand interest (cap rate) in a building database and compares the building scores of the object building of real estate **investment** with the building score and demand interest of the competition building to calculate the proper demand interest of the object building by the computer, and totalizes and analyzes the rent, building scores, and demand interest to support real estate **investment** determination.

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07138359 **Image available**

DEALING SYSTEM FOR EDUCATION

PUB. NO.: 2002-006731 [JP 2002006731 A]
PUBLISHED: January 11, 2002 (20020111)
INVENTOR(s): MORIHIRA SOICHIRO
TOYAMA SETSUO
OKANO TOYOAKI
OGAWA MASAO

YONENOBU TAKASHI
MATOBA MASAOKI

APPLICANT(s): KEIO GIJUKU
NIPPON YUNISHISU KK
APPL. NO.: 2000-188521 [JP 2000188521]
FILED: June 22, 2000 (20000622)
INTL CLASS: G09B-009/00; G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a system in which, especially, the same things as those in actual dealings can be performed as to a dealing system for education and training.

SOLUTION: A system 100 in which servers and terminals are coupled with a LAN 130 is constituted around a WWW server 110 in which a virtual securities dealing system is operated and a server 112 receiving current prices. Users of the system can access from client terminals 121 to 124 to the WWW server 110 via the LAN 130. Current price data in an actual market received by the server 112 can be accessed from WWW server 110. There are a virtual index, virtual index futures, virtual index options or the like as dealing commodities to be traded in the dealing system. The virtual index is a stock price index which is constituted of listed stock brands of an external securities exchange and the trading of the virtual index is concluded with a current price which is calculated in this system. In the virtual index futures and the virtual index options, transaction concluded price in a virtual market become current prices. In this virtual market, exercising prices are automatically generated.

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07055365 **Image available**
METHOD AND SYSTEM FOR DISPLAYING INFORMATION

PUB. NO.: 2001-283000 [JP 2001283000 A]
PUBLISHED: October 12, 2001 (20011012)
INVENTOR(s): MIYAMOTO NAOYUKI
OTOMO YOSHITERU
SASAKI HIDEYUKI
TAKECHI EIJI
MITA HIROKAZU
APPLICANT(s): HITACHI KOKUSAI ELECTRIC INC
APPL. NO.: 2000-091192 [JP 200091192]
FILED: March 29, 2000 (20000329)
INTL CLASS: G06F-017/60; G06F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide information display method/information display system, which inexpensively supply valid investment judgment information based on latest information, since a problem that the cost of system construction is high and the operation situation of a fund based on real time information cannot be displayed exists in a conventional information display system.

SOLUTION: In the information display method/information display system, a host switch device 14 receives and outputs security real information including security real index information at every business type, which is distributed from a security real information distribution device 11, or fund operation information including an incorporated business type and the incorporation rate at every fund, which is distributed from a fund operation information distribution device 12. An information display device 3 integrates a numerical value obtained by multiplying the incorporation rate of the incorporated business type by the security real index corresponding to the incorporated business type at every fund on all the incorporated business types of the fund, obtains the current price index

point of the fund and displays it at various display modes.

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07055358 **Image available**

SYSTEM FOR DECIDING PROPERTY DISTRIBUTION OF **PORTFOLIO**

PUB. NO.: 2001-282993 [JP 2001282993 A]

PUBLISHED: October 12, 2001 (20011012)

INVENTOR(s): TSUDA HIROSHI
NAKAKUBO FUMIO
IDE SHINGO

APPLICANT(s): NLI RESEARCH INSTITUTE

APPL. NO.: 2000-136439 [JP 2000136439]

FILED: March 31, 2000 (20000331)

INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a fund operation method aiming at a relative profit with respect to a bench mark while the relative loss of a **portfolio** with respect to the bench mark is suppressed to be within a specified range in a fund operation where a **indexes** by which the **price** fluctuates with the lapse of time or a mark obtained by composting them is set to be the bench mark.

SOLUTION: A means inputting or recording property data, a means inputting or recording market data and a means operating property distribution with the value of the bench mark as a reference based on inputted or stored property data and market data are installed as means constituting a **portfolio** property distribution deciding system.

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07022330 **Image available**

INDEX DECISION METHOD, STOCK MARKET INDEX DECISION METHOD, INDEX TRADE METHOD, INDEX DECISION DEVICE AND RECORDING MEDIUM

PUB. NO.: 2001-249962 [JP 2001249962 A]

PUBLISHED: September 14, 2001 (20010914)

INVENTOR(s): NOGUCHI TAKUO

APPLICANT(s): DAISHO SYST SERVICE KK

APPL. NO.: 2000-001457 [JP 20001457]

FILED: January 07, 2000 (20000107)

PRIORITY: 11-371740 [JP 99371740], JP (Japan), December 27, 1999
(19991227)

INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide an index decision method, a stock market index decision method, an index trade method, an index decision device and a recording medium for preventing or suppressing the fluctuation of an index unrelated to a market condition occurring in a temporary period from the announcement of replacement to the execution of the replacement when a transaction object used for the calculation of the index is replaced in the case of deciding the index for indicating the transaction market condition of the transaction object such as **bonds** and convertible debentures.

SOLUTION: In the temporary period from the announcement of the replacement of the transaction object to the execution of the replacement of the

transaction object, an imaginary transaction object whose price information fluctuates linked with the market condition is set, the price information of the set transaction object is used as the substitutive value of the transaction object to be excluded and the index calculated by using the substitutive value is decided as the index during the temporary period. Or, the index **calculated** based on the **price** information of only names not to be replaced in the transaction object used for index calculation is decided as the index during the temporary period.

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06995040 **Image available**
MODEL PROVIDING SYSTEM FOR RISK DISPERSING TECHNIQUE BY MEAN AMOUNT PURCHASE METHOD

PUB. NO.: 2001-222620 [JP 2001222620 A]
PUBLISHED: August 17, 2001 (20010817)
INVENTOR(s): NABETA MICHIIRO
APPLICANT(s): NABETA MICHIIRO
APPL. NO.: 2000-034864 [JP 200034864]
FILED: February 14, 2000 (20000214)
INTL CLASS: G06F-017/60; G06F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To disperse a risk of current price variation when a contract of a cumulative **investment** purchase of a financial derivative and a contract of use of dealings in **futures** are made by using the counter of the financial institution and the communication means.

SOLUTION: A system which **calculates** the current **price** of a financial derivative or exchange varying in a certain period before and after a purchase day or account settlement day as a mean amount and enables the purchase of the financial derivative and the use of dealings in **futures** on the basis of the mean amount is provided so as to disperse a risk of current price variation of the financial derivative or exchange; when a purchaser of a financial derivative or a user of dealings in **futures** makes a contract at a counter or by using a communication means, it is made possible to set various conditions for applying a mean amount purchasing method, thereby dispersing the risk.

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06974781 **Image available**
PHYSICAL DISTRIBUTION BASE INSTALLATION PLAN SUPPORTING SYSTEM

PUB. NO.: 2001-202352 [JP 2001202352 A]
PUBLISHED: July 27, 2001 (20010727)
INVENTOR(s): OMI NOBURO
KAMO MASATO
DAIMON YUTAKA
IWASAKI HIROSHI
APPLICANT(s): SHIMIZU CORP
APPL. NO.: 2000-009568 [JP 20009568]
FILED: January 19, 2000 (20000119)
INTL CLASS: G06F-017/00; B65G-001/137; G05B-015/02; G08G-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To quantitatively evaluate the superiority of base

installation from the viewpoint of physical distribution.

SOLUTION: This system is provided with a storage means 4 for storing map data, an input means 2 for inputting delivery conditions such as plural destination locations, quantity of articles to be delivered to these destinations and vehicle conditions, a base location model selection processing means 11 for selecting the candidate spots of installation base by calculating the center of gravity on the basis of the plural destination locations, the quantity of articles to be delivered to these destinations and the map data, a delivery simulation processing means 12 for performing vehicle assignment, destination grouping and calculation of shortest route on the basis of the candidate spots of physical distribution bases or respective destinations, delivery conditions and the map data, and a physical distribution cost simulation processing means 13 for calculating the quantity of articles in the future on the basis of article quantity expansion and **price** rise rate, **calculating** depreciation costs in respect to facility **investment** and calculating business income and expenditure. On the basis of the plural destination locations and the quantity of articles to be delivered to these destinations, the candidate spots of physical distribution bases are selected and information is provided for evaluating the installation of these candidate spots.

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6/5/12 (Item 12 from file: 347)
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06301117 **Image available**
AUCTION ALLOTMENT CALCULATION SYSTEM

PUB. NO.: 11-242712 [JP 11242712 A]
PUBLISHED: September 07, 1999 (19990907)
INVENTOR(s): ONOMI MASAYUKI
APPLICANT(s): HOMES KK
APPL. NO.: 10-059058 [JP 9859058]
FILED: February 25, 1998 (19980225)
INTL CLASS: G06F-019/00; G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To conform to an actual state by providing the information of collateral margin in the form of allotment estimated.

SOLUTION: Dividend based on operating the allotment calculation of automatic amount accompanying the auction of real property(property) such as a land and building or allotment estimation calculation from an objective property estimated **price** is automatically **calculated** by a computer. In the allotment calculation, auction cost is make preferential than the other allotment, apportionment burden charge is calculated from each real property price(property price), and individual costs are subtracted and deducted for each property. Then, hypothec, temporary registration hypothec and arrearage tax bond (allotment right) for dividend related with auction are obtained with the registration acceptance date and acceptance number as superiority and inferiority elements, and when the change of order is required, the order of the property is added as dominance element, and the public seizure of the tax **bonds** in arrears or the like is especially obtained with a legal payment deadline as the superiority and inferiority elements. Thus, the dividend can be sequentially calculated for every dominance.

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014367524 **Image available**

WPI Acc No: 2002-188226/200224

XRFX Acc No: N02-142744

Intellectual property asset valuation system stores information about
intellectual property asset and public trade securities , by
executing specific computer program

Patent Assignee: PATENT & LICENSE EXCHANGE INC (PATE-N)

Inventor: ARROW A K; BRANDEGEE B; KOSOVSKY N

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200193154	A2	20011206	WO 2001US16102	A	20010517	200224 B
AU 200163257	A	20011211	AU 200163257	A	20010517	200225

Priority Applications (No Type Date): US 2000665187 A 20000916; US
2000580005 A 20000526

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200193154	A2	E	76	G06F-017/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200163257	A			G06F-017/60	Based on patent WO 200193154
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Abstract (Basic): WO 200193154 A2

NOVELTY - A server (110) connected to the clients (120A-120D)
through Internet (130), performs execution of computer program which
comprises computer instructions for storing information about
intellectual property asset and public trade securities , according
to technology classification, in a database, in order to generate a
valuation based on **Black - Scholes** theory.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:

- (a) Intellectual property asset valuation method;
 - (b) Computer readable storage medium storing computer program for
valuating intellectual property asset;
 - (c) Suggested price determining computer system;
 - (d) Suggested price determining method;
 - (e) Storage medium storing suggested price determining program;
 - (f) Market value index providing computer system;
 - (g) Market value index providing method;
 - (h) Storage medium storing market value index providing program;
 - (i) Information storing and retrieval computer system;
 - (j) Information storing and retrieving method;
 - (k) Storage medium with information storing and retrieval program;
 - (l) Intellectual property enabling computer system;
 - (m) Intellectual property enabling method;
 - (n) Storage medium with intellectual property enabling program
- USE - For valuation of intellectual property assets and for
licensing or assigning patents , etc.

ADVANTAGE - The valuation of intellectual property rights are
provided, efficiently and reliably.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
computer system.

Server (110)

Clients (120A-120D)

Internet (130)

pp; 76 DwgNo 1/22

Title Terms: INTELLIGENCE; PROPERTIES; VALUE; SYSTEM; STORAGE; INFORMATION;
INTELLIGENCE; PROPERTIES; PUBLIC; TRADE; SECURE; EXECUTE; SPECIFIC;
COMPUTER; PROGRAM

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

7/5/1 (Item 1 from file: 347)
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07223688 **Image available**
LAND PRICE CALCULATION SYSTEM, LAND PRICE CALCULATING METHOD AND
COMPUTER-READABLE RECORDING MEDIUM

PUB. NO.: 2002-092127 [JP 2002092127 A]
PUBLISHED: March 29, 2002 (20020329)
INVENTOR(s): MORITA YASUHIRO
APPLICANT(s): MORITA YASUHIRO
APPL. NO.: 2000-278541 [JP 2000278541]
FILED: September 13, 2000 (20000913)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a land price calculation system for supporting that a general consumer can relatively judge a land price similarly as a stock price and a price of gold by enabling easy calculation of the land prices.

SOLUTION: This land price calculation system is provided with a property price accepting means 4 to accept a property price, a new building unit price accepting means 5 to accept a unit price of a new building, a building area accepting means 6 to accept a building area of the property, a durable number of year accepting means 7 to accept durable years of the building of the property, an actual age accepting means 8 to accept actual ages of the building of the property, a storage means 9 to store five items accepted by the respective accepting means 4 to 8, an arithmetic means 10 to calculate the land price by a land price calculation formula, consisting of 'used property price' - 'unit price of the new building' × building area of the used property ÷ 'durable years' × ('durable years' - 'actual age') = the land price, by using the five items stored in the storage means 9 and an output means 14 to output an arithmetic operation result of the land price calculated by the arithmetic means 10.

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07214691 **Image available**
FINANCING BAD DEBT PROCESSING SYSTEM

PUB. NO.: 2002-083128 [JP 2002083128 A]
PUBLISHED: March 22, 2002 (20020322)
INVENTOR(s): MORI KURAAKI
OZAWA NORISATO
YOSHIDA OSAMU
HATTORI KOJI
SHIMADA KOICHI
SUZUKI SHOICHI
APPLICANT(s): ASAHI BANK LTD
AIOI INSURANCE CO LTD
APPL. NO.: 2000-270759 [JP 2000270759]
FILED: September 06, 2000 (20000906)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To easily determine a financial index and a non-financial factor of a company to easily decide approval/disapproval of financing and an applicable interest on the basis of the credit determination and to set an insurance premium of a damage insurance against default of the financing.

SOLUTION: A determining financial index computing means 3a computes an index value of a financial state on the basis of financial data of a correspondent company, while a non-financial segment determining counting computing means 3b extracts a non-financial contents from the financial data and determines a segment, to which the non-financial contents belongs, among segments in a plurality of steps. A total determination means 3c obtains a combination of the obtained financial state index value and the non-financial contents segment by referring to a determining table 3d so as to carry out scoring determination on the degree of financial credit of the correspondent company through a plurality of steps. The system is also provided with an interest computing means 3f computing whether financing is carried out or not or interest in accordance with the scoring step based on the determination and a premium computing means 4 adding credit insurance for coping with a bad debt accident after financing and calculating a damage insurance premium .

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7/5/3 (Item 3 from file: 347)

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07205639 **Image available**

OPTIMUM MARKET PRICE DETERMINING SYSTEM BY AUCTION AND RECORD MEDIUM

PUB. NO.: 2002-074071 [JP 2002074071 A]
PUBLISHED: March 12, 2002 (20020312)
INVENTOR(s): NAGATOMO TETSUAKI
APPLICANT(s): DYNADI XT SYSTEMA CO LTD
APPL. NO.: 2000-255507 [JP 2000255507]
FILED: August 25, 2000 (20000825)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To determine optimum market price for a commodity.

SOLUTION: For the commodity whose optimum market price is to be determined, internet auction is conducted by an auction-executing WWW server 22, and the bid information is stored in a bid information DB 26 through a database server 23. An optimum market price determination computing part 27 adds up the number of persons capable of making a successful bid at the respective prices, according to the stored bid information, obtains the approximate formula formed by exponent functions or polynomial for approximating the correlation of the rate of bidders capable of making a successful bid obtained by dividing the added number of bidders capable of making a successful bid at the respective prices by the number of total bids and the price in an approximate calculating part 27B, estimates a benefit to the market price by the approximate formula in a benefit estimating part 27C, and determines the optimum market price from the estimated benefit in an optimum price calculating part 27D.

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7/5/4 (Item 4 from file: 347)

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07194941 **Image available**

DATA PROCESSING METHOD FOR INSURANCE WORK, RECORDING MEDIUM WITH RECORDED PROGRAM SUPPORTING INSURANCE WORK BY COMPUTER, AND COMPUTER INTERNALLY HAVING RECORDING MEDIUM WITH RECORDED PROGRAM SUPPORTING INSURANCE WORK

PUB. NO.: 2002-063346 [JP 2002063346 A]
PUBLISHED: February 28, 2002 (20020228)
INVENTOR(s): MISHINA MAKOTO
APPLICANT(s): SAIBIJON KK

APPL. NO.: 2000-247124 [JP 2000247124]
FILED: August 16, 2000 (20000816)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method which can present a relative cheap premium by previously assuming the reduction effect of the premium when a contract is made if variation in insurance accident risk, specially, its decrease can be expected in an insurance contract period through data processing for insurance work.

SOLUTION: This method includes a 1st stage where various items as elements determining a premium are inputted, a 2nd stage where items that an insurant should do during the insurance contract period are inputted, and a 3rd stage where a premium, etc., is calculated from both the pieces of input information; and the 3rd stage calculates a premium, etc., by using the information inputted at the 1st stage and referring to data having a data structure wherein the information and premiums, etc., are made to correspond to each other, calculates a correction coefficient by using the information inputted at the 2nd stage, and calculates a premium, etc., which is actually applied from those two values.

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07171609 **Image available**
IC-CHECKING METHOD AND DEVICE

PUB. NO.: 2002-039995 [JP 2002039995 A]
PUBLISHED: February 06, 2002 (20020206)
INVENTOR(s): YUDA YASUTO
APPLICANT(s): UT DENSHI KOGYO KK
APPL. NO.: 2000-227146 [JP 2000227146]
FILED: July 27, 2000 (20000727)
INTL CLASS: G01N-027/72

ABSTRACT

PROBLEM TO BE SOLVED: To overcome the problem such that conventionally the internal structure of an IC can only be verified only by X-rays.

SOLUTION: In the disassembling of a machine to expose an IC or checking an IC in a black box, a hole is bored in the black box, and a magnetic sensor 4 is inserted. Then the surface of the IC is scanned with the magnetic sensor 4, to derive the size and location of the internal IC chip, distance from the surface, etc., from changes in the measured values of magnetism due to locations. By comparing the reference values of an IC to be used there with the measured values of the IC actually in use, the IC can be verified with no indications and as to whether the IC in the black box is correct.

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07159416
PRODUCT ADVERTISEMENT DISCOUNT METHOD

PUB. NO.: 2002-027799 [JP 2002027799 A]
PUBLISHED: January 25, 2002 (20020125)
INVENTOR(s): IIDA TAISUKE
APPLICANT(s): DESIGNING KK

APPL. NO.: 2000-245269 [JP 2000245269]
FILED: July 10, 2000 (20000710)
INTL CLASS: 0000-000/00

ABSTRACT

PROBLEM TO BE SOLVED: To promote activity of the advertiser by increasing a chance in which a consumer can get a merit at the time of purchasing a product, promoting sales activity of products through provision of new selection items for selling product, and also providing new media and chances for advertisement method.

SOLUTION: The problems explained above can be solved between a product manufacturing or selling side, an advertiser who presents the advertisement of product, and consumers by providing the steps of contracting an agreement for the advertisement of product with the advertiser, contracting an agreement for presentation of advertisement of product with a product manufacturing or selling side, contracting an agreement for use of a product or advertisement through use thereof of the product of which advertisement has been presented with consumers, returning a part of the price paid from the advertiser to the consumers in various profiles, promoting the sales activities of manufacturing or selling side to consumers through returning of such part of payment, presenting advertisement from consumers while they are using the relevant product, not adjusting the price to the consumers at the time of purchasing and calculating the price to the consumers depending on the amount of use.

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07156170 **Image available**
PREMIUM CALCULATING SYSTEM

PUB. NO.: 2002-024551 [JP 2002024551 A]
PUBLISHED: January 25, 2002 (20020125)
INVENTOR(s): YAJIMA HIROSHI
APPLICANT(s): YASUDA FIRE & MARINE INSURANCE CO LTD
APPL. NO.: 2000-200891 [JP 2000200891]
FILED: July 03, 2000 (20000703)
INTL CLASS: G06F-017/60; G06F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a premium calculating system capable of accurately and quickly calculating a premium at the time of preparing and changing the contents of an insurance contract.

SOLUTION: A form read from a form storing part 11 of the premium calculating system 10 by a form preparing part 12 is transmitted from a form transmitting part 16 to a portable telephone 40 and displayed. Contract data inputted according to the displayed form are transmitted from the portable telephone 40 to a premium calculating part 17, and the premium is calculated on the basis of the contact data. The calculated result is transmitted from the premium calculating part 17 to the portable telephone 40.

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07146796 **Image available**
METHOD AND DEVICE FOR CONTENTS DATA EVALUATION, RECORDING MEDIUM, AND
METHOD FOR SELLING CONTENTS DATA

PUB. NO.: 2002-015175 [JP 2002015175 A]
PUBLISHED: January 18, 2002 (20020118)
INVENTOR(s): MURATA TOSHIAKI
UENO YASUHISA
HAKU RI
APPLICANT(s): MITSUI ENG & SHIPBUILD CO LTD
COSMOS COMPUTER KK
SHOKO INTERNATIONAL KK
APPL. NO.: 2000-230091 [JP 2000230091]
FILED: July 28, 2000 (20000728)
PRIORITY: 2000-129740 [JP 2000129740], JP (Japan), April 28, 2000
(20000428)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method and a device for contents data evaluation, a recording medium, and a method for selling contents data, which evaluate the value of contents data obtained by converting prescribed contents to digital data.

SOLUTION: An input part 100 reads in and outputs contents data (picture data) which is obtained by converting prescribed contents (a generated drawing) to digital data, and the category and the classification of this drawing. A bit number calculation part 111 virtually divides a picture corresponding to inputted picture data into prescribed squares, and the number of squares of representation other than a background color is calculated and is outputted as the number of used bits. A first table 11 outputs a bit unit price corresponding to the category and the classification of the inputted drawing. A price calculation part 1 multiplies the bit unit price by the number of used bits and outputs the result to the outside as the price for picture data through an output part 10. This picture data is sold for a purchase request at the **calculated price**.

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07139762 **Image available**
PRICE SETTLEMENT SYSTEM USING NON-CONTACT TYPE IC TAG

PUB. NO.: 2002-008134 [JP 2002008134 A]
PUBLISHED: January 11, 2002 (20020111)
INVENTOR(s): IMAIZUMI KIYOSHI
APPLICANT(s): DAINIPPON PRINTING CO LTD
APPL. NO.: 2000-183976 [JP 2000183976]
FILED: June 20, 2000 (20000620)
INTL CLASS: G07G-001/00; G06F-017/40; G06F-017/60; G06K-017/00;
G06K-019/07; G06K-019/00; G07G-001/12

ABSTRACT

PROBLEM TO BE SOLVED: To provide a price settlement system using a non-contact type IC tag capable of preventing a customer from putting the goods that he is going to purchase into a shopping basket provided in a supermarket and at a volume sales store and bringing them about in the store and performing price settlement processing for the purchased goods at a check-out counter efficiently in a short time at a counter in the supermarket and at the volume sales store.

SOLUTION: This price settlement system is provided with the non-contact type IC tag having a storage means storing at least price data of goods and merchandise code data capable of specifying goods and a handy terminal unit having a reading and writing means for reading data stored in the storage means and writing into the storage means, a calculation means for calculating total price data of price data read by the reading and writing

means, a display means for displaying data read by the reading and writing means and the total price data calculated by the calculation means, and a storage means for storing the data in the reading and writing means and the total price data in the calculation means.

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07139132 **Image available**
DEVICE AND METHOD FOR LOGIC VERIFICATION

PUB. NO.: 2002-007504 [JP 2002007504 A]
PUBLISHED: January 11, 2002 (20020111)
INVENTOR(s): SUGANAMI KAZUYUKI
APPLICANT(s): NEC SOFTWARE HOKURIKU LTD
APPL. NO.: 2000-185983 [JP 2000185983]
FILED: June 21, 2000 (20000621)
INTL CLASS: G06F-017/50

ABSTRACT

PROBLEM TO BE SOLVED: To detect an illegal connection between a higher layer and a lower layer by verifying the connection between the higher and lower layers including their logical connection when the lower layer in the circuit description of a logic circuit is constituted as a black box and the logic is verified.

SOLUTION: The logic verifying device 3 has a lower-layer black box constitution part 1 which constitutes the lower layer as the black box by inputting 1st and 2nd circuit descriptions and a logic verification part 2 which verifies the logic of the 1st and 2nd circuit descriptions in black box to detect illegal connection.

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07129643 **Image available**
SERVER FOR COMMODITY SALE, COMMODITY SALE SYSTEM, AND ITS SALING METHOD

PUB. NO.: 2001-357313 [JP 2001357313 A]
PUBLISHED: December 26, 2001 (20011226)
INVENTOR(s): TAKAHASHI KUNIAKI
APPLICANT(s): SONY CORP
APPL. NO.: 2001-091067 [JP 20011091067]
FILED: March 27, 2001 (20010327)
PRIORITY: 2000-117201 [JP 2000117201], JP (Japan), April 13, 2000
(20000413)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method and a system for commodity same which promote consumers' will to purchase and realize spread of commodities by providing commodities or services through a network and setting a discount in accordance with the number of commodities to be purchased by groups.

SOLUTION: A consumer who will purchase commodities provided by a provider uses a user home terminal 200 or a user portable terminal 300 to access an order management device 150 of a provider server, and the order management device authenticates the user by a customer recognition number and a password and confirms ordered commodities of the user, the number of

ordered commodities, a payment method, etc., and recognizes a group, which the user belongs to, by a customer recognition number of a group representative inputted by the user. The order management device 150 accepts orders from users till a preliminarily set closing date and applies a discount according with the number of ordered commodities by groups to **calculate** the **price** for purchase of each user after the closing date.

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07085127 **Image available**
COMMODITY GUIDE/SETTLEMENT SYSTEM

PUB. NO.: 2001-312775 [JP 2001312775 A]
PUBLISHED: November 09, 2001 (20011109)
INVENTOR(s): FUKAYA YUICHIRO
APPLICANT(s): DENSO CORP
APPL. NO.: 2000-130309 [JP 2000130309]
FILED: April 28, 2000 (20000428)
INTL CLASS: G07G-001/00; G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To improve convenience and to shorten the time concerning the purchase of commodities.

SOLUTION: When the retrieval of a commodity position is inputted from a switch input part 6, a portable terminal 1 displays the information of the commodity position on a display part 4 by radio communications with a store center control part 11A and displays the present position of the portable terminal 1 as well. When the retrieval of the commodity contents is inputted, the information of the commodity contents is displayed on the display part 4 by radio communications with the store center control part 11A. Further, when the bar code of the commodity is read by a bar code reading part 5, the price of the commodity is displayed on the display part 4 and the total **price** of purchase is **calculated** and displayed.

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06995010 **Image available**
COMPUTER READABLE RECORDING MEDIUM WITH PRICE EVALUATION PROGRAM RECORDED THEREIN AND PRICE EVALUATION SYSTEM

PUB. NO.: 2001-222590 [JP 2001222590 A]
PUBLISHED: August 17, 2001 (20010817)
INVENTOR(s): HISADA YOSHIHIRO
OKANO MASATERU
OMICHI NAOKI
APPLICANT(s): HISADA SHINJU KK
APPL. NO.: 2000-029566 [JP 200029566]
FILED: February 07, 2000 (20000207)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To easily provide a price evaluation calculating method which can cover the evaluation criteria in every distribution step while dealing with the change of trend on the market, the regional differences of evaluation criteria etc., when the prices are calculated for commodities including the jewelry such as pearls.

SOLUTION: The price evaluation system 1 evaluates the price of a commodity

from plural evaluation items and includes an input/output device 2 which inputs the index numbers according to the rank of every evaluation item, a storage means 5 which stores a price table 52 where the correspondence relation is described between the total index number and the commodity price and a price calculation means 4 which adds together the index numbers of all inputted evaluation items to decide the total index number and then **calculates** an evaluation **price** of the commodity by collating the table 52.

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06939657 **Image available**
REAL TIME INTERACTIVE AUCTION SYSTEM

PUB. NO.: 2001-167206 [JP 2001167206 A]
PUBLISHED: June 22, 2001 (20010622)
INVENTOR(s): HO-WOOK KIM
APPLICANT(s): HO-WOOK KIM
APPL. NO.: 2000-128817 [JP 2000128817]
FILED: April 28, 2000 (20000428)
PRIORITY: 99 9949815 [KR 9949815], KR (Korea) Republic of, November 10, 1999 (19991110)
INTL CLASS: G06F-017/60; G07G-001/12; G07G-001/14

ABSTRACT

PROBLEM TO BE SOLVED: To provide a real time interactive auction system capable of executing an auction method with which a user can control a bidding price and can be participated in auction on an internet only by clicking a bidding price button.

SOLUTION: This system is composed of a lot of users connected through the internet to the system, a system server for totally controlling system components and determining a successful bidder among the users, an article data base, in which a lot of article advertisements are sorted and stored, under the control of the server, and a retrieval part under the control of the server. Retrieval is started from a provided price, only the peak price is outputted as MS by the retrieval in the retrieval part, the other prices are stored in a log file storage part, and the server shows the bidding price provided by each of users and **calculates** a new **price**.

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06915296 **Image available**
INPUT/OUTPUT PROCESSING SYSTEM

PUB. NO.: 2001-142832 [JP 2001142832 A]
PUBLISHED: May 25, 2001 (20010525)
INVENTOR(s): SHIBAUCHI SHINGO
GOTO YOSHITOMO
SHIGENO TAKEYOSHI
APPLICANT(s): HITACHI LTD
HITACHI INFORMATION TECHNOLOGY CO LTD
APPL. NO.: 11-325455 [JP 99325455]
FILED: November 16, 1999 (19991116)
INTL CLASS: G06F-013/12; G06F-009/46

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the overhead of processing for exchanging

input/output device (I/O) interruption information between a channel processor(CHP) and a channel device (CH) in the multiple execution of input/output operation exchange between the CH under the control of the CHP and the I/O.

SOLUTION: On a main storage(MS) 20, an area (CCA) for exchanging the I/O interruption information between a CHP 30 and CH 400-40n or between a CHP 31 and CH 410-41n is assigned for every CH (CCA 220-22m). Each of CH successively stores the interruption information from one or plural I/O under the multiple execution of input/output operation in the CCA corresponding to the relevant CH and collectively reports the interruption to the CHP, and while referring to the interruption information stored in the CCA, the CHP collectively executes I/O interrupting processing.

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06864670 **Image available**

TONER FOR DEVELOPER

PUB. NO.: 2001-092173 [JP 2001092173 A]

PUBLISHED: April 06, 2001 (20010406)

INVENTOR(s): KABAI TAKAHITO

APPLICANT(s): TOSHIBA TEC CORP

APPL. NO.: 11-265489 [JP 99265489]

FILED: September 20, 1999 (19990920)

INTL CLASS: G03G-009/08

ABSTRACT

PROBLEM TO BE SOLVED: To obtain a fogging-free clear image by making toner hold a satisfactory electrified charge amount from the initial stage even when the amount of a developer remaining in a developing device is more or less and even when a full color image high in the printing rate is formed and to prevent the developing device from being soiled by the scattered toner.

SOLUTION: The rising of the electrification of toner mother particles is accelerated and the toner mother particles are made to hold a satisfactory electrified charge amount from the initial stage by externally adding silica having 12 nm particle size by 1.0%, silica having 30 nm particle size by 0.5% and zinc stearate having 4 μm particle size by 5% to the toner mother particles which have 8 μm average particle size and contain a zirconium complex by 1% as a CCA.

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7/5/17 (Item 17 from file: 347)

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06848542 **Image available**

DEVICE AND METHOD FOR INTELLECTUAL PROPERTY EVALUATION, AND COMPUTER-READABLE RECORDING MEDIUM WHERE PROGRAM MAKING COMPUTER TO IMPLEMENT THE METHOD IS RECORDED

PUB. NO.: 2001-076042 [JP 2001076042 A]

PUBLISHED: March 23, 2001 (20010323)

INVENTOR(s): YASUE KUNIHARU

TOMITA EISUKE

SAITO SHIZUO

APPLICANT(s): SEIKO INSTRUMENTS INC

YASUE KUNIHARU

APPL. NO.: 11-250407 [JP 99250407]

FILED: September 03, 1999 (19990903)

INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To enable a general business worker to easily evaluate intellectual property in a short time at a low cost, without the need for high-level technical knowledge of multiple relative fields, such as a method for evaluating intellectual property and taxable property.

SOLUTION: This device is equipped with an actual profit input part 401 for inputting data regarding actual profit, a compound cost rate input part 402 for inputting data regarding compound cost rates by each year, a compound present value calculation part 403 which calculates compound present values of compensation yearly amounts by multiplying the data regarding the actual profit by the data regarding the compound cost rates by each year, an intellectual property price calculation part 404 which calculates an intellectual property price by summing up the compound present value of the calculated yearly compensation amounts, and an output part 406 which outputs the calculated intellectual property value amount.

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06805764 **Image available**

BEAM CONFIRMING AUXILIARY TOOL FOR LASER MARKING UNIT

PUB. NO.: 2001-033248 [JP 2001033248 A]

PUBLISHED: February 09, 2001 (20010209)

INVENTOR(s): MIYATA MITSUO

SHINOZUKA TSUTOMU

APPLICANT(s): AUDIO TECHNICA CORP

APPL. NO.: 11-204089 [JP 99204089]

FILED: July 19, 1999 (19990719)

INTL CLASS: G01C-015/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a beam confirming auxiliary tool for laser making unit capable of easily confirming the vertical line or horizontal line with a laser beam even outdoors in the daytime with the laser marking unit not necessarily having a large-output laser light source.

SOLUTION: This beam confirming auxiliary tool comprises a black box 1, a condensing lens 3 fitted to the black box 1 to condense the laser beam from a laser marking unit, a focusing plate 5 fitted at the laser beam condensing position by the condensing lens 3 of the black box 1, and a reference line 7 marked on the focusing plate 5 and capable of being observed from the outside of the black box 1. A mirror 9 is preferably arranged on the back side of the focusing plate 5 to observe the laser beam condensed on the focusing plate 5 and the reference line 7 from the outside of the black box 1.

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06778388 **Image available**

SELLING PRICE DETERMINATION SYSTEM

PUB. NO.: 2001-005863 [JP 2001005863 A]

PUBLISHED: January 12, 2001 (20010112)

INVENTOR(s): HIRAMATSU TATSUO

APPLICANT(s): SYSTEM SOFT CORP

APPL. NO.: 11-170717 [JP 99170717]

FILED: June 17, 1999 (19990617)
INTL CLASS: G06F-017/60; G06F-019/00; G07G-001/12

ABSTRACT

PROBLEM TO BE SOLVED: To provide a system capable of determining the selling price of an article corresponding to the lapse of time from the start of selling or selling result.

SOLUTION: Concerning a price display/reception server for article selling connected through a network to a user terminal, a storage means is provided for storing an article price on a day corresponding to each article, and in the case of determining the article price on that day on the basis of the number of days from the day of selling start for each article, when there is no selling result of the relevant article on the previous day on the basis of the price of the previous day, a price subtracting a fixed amount from the selling price of the previous day is **calculated** as the article **price** on that day.

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06762223 **Image available**
AUTOMOBILE REPAIR COST ESTIMATION SYSTEM

PUB. NO.: 2000-348094 [JP 2000348094 A]
PUBLISHED: December 15, 2000 (20001215)
INVENTOR(s): USUI HIROSHI
APPLICANT(s): AL FORMULATE KK
APPL. NO.: 11-156625 [JP 99156625]
FILED: June 03, 1999 (19990603)
INTL CLASS: G06F-017/60; B60S-005/00; G06F-017/50

ABSTRACT

PROBLEM TO BE SOLVED: To make it easy for a customer to make a choice by freely calculating and displaying a repair discount amount through a repair discount rate table corresponding to the number of related positions or a repair part.

SOLUTION: The repair part is inputted and specified, related part data enabling operations of the same kind, such as sheet metal operation, painting, and attachment and detachment to be performed at the part and adjacent parts at the same time are previously generated and stored, and a repair discount amount is freely calculated and displayed through the repair discount rate table corresponding to the number of the related parts and the repair parts. Codes are given to the individual parts, and specified adjacent related parts are represented as codes to indicate that they can be repaired in parallel at the same time. An estimation before discount adjustment and an estimation after discount adjustment which are obtained from an index discount rate table of the same part and the same operation not only make a customer feel inexpensiveness, but also make the reason for discounting clear, so that the customer's understanding of the estimated coat can be more easily obtained. The discount rate may be applied to one of an operation **index**, an operation unit **price**, an operation charge, and an estimated sum of money.

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06745214 **Image available**
USED CAR INFORMATION MANAGING DEVICE, METHOD FOR CALCULATING AND PROCESSING

ASSESSED PRICE OF USED CAR AND READABLE RECORDING MEDIUM

PUB. NO.: 2000-331068 [JP 2000331068 A]
PUBLISHED: November 30, 2000 (20001130)
INVENTOR(s): HARADA KAZUO
APPLICANT(s): HARADA KAZUO
APPL. NO.: 11-143754 [JP 99143754]
FILED: May 24, 1999 (19990524)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To obtain a more exact and substantial basic assessed price by extracting a past assessed price under specified conditions such as an evaluation point, car type, rank and manufactured year, calculating and informing the average price of them by calculating the average prices.

SOLUTION: This system is constituted of a market information storage means 10 storing the price of an object car to be assessed by every identical assessment condition such as the total evaluation point, manufacture year, car type and grade, etc., obtained from at least exterior and interior evaluation and a menu selecting means 20 to select and execute various used car information management processing. Furthermore, a market information forecasting means 30 to calculate the average price of the object cars to be assessed which coincide with desired assessment conditions from the market information storage means 10 and to calculate a proper vehicle price by adjusting the average price according to the contents of price changing conditions such as years of the use of the car from the average price is provided. In such structure, past assessment evaluation under the condition coinciding with each condition such as the evaluation point, a car type is extracted from the market information storage means 10, the average price is calculated, an adjusted price is calculated by using use period, etc., and the proper vehicle **price** is **calculated**.

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7/5/22 (Item 22 from file: 347)

DIALOG(R) File 347:JAPIO

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06745213 **Image available**

INSURANCE AND ANNUITY CALCULATION PROCESSOR AND STORAGE MEDIUM STORING
INSURANCE AND ANNUITY CALCULATION PROCESSING PROGRAM

PUB. NO.: 2000-331067 [JP 2000331067 A]
PUBLISHED: November 30, 2000 (20001130)
INVENTOR(s): YAMAGUCHI HIROSHI
APPLICANT(s): YAMAGUCHI HIROSHI
APPL. NO.: 11-137687 [JP 99137687]
FILED: May 18, 1999 (19990518)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To obtain an insurance and annuity calculation processor which easily calculates the amount of payment, the amount of insurance and the amount of annuity, and is adaptable to a new commodity with respect to various complicated insurance and annuities.

SOLUTION: In this insurance and annuity calculation processor, data of each commodity of insurance or annuity for setting up a formula which expresses the relation between the amount of insurance or annuity and the payment with calculation bases are obtained (S13) and are stored correspondingly to the commodity so that it can be rewritten (S17), and contract data of each contract are acquired with respect to the commodity (S23), and values of calculation bases included in formula data and other values are acquired from contract data, and insurance expenses or a **premium** is **calculated** in accordance with the formula consisting of formula data (S30).

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7/5/23 (Item 23 from file: 347)

DIALOG(R)File 347:JAPIO

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06726370 **Image available**

BAND SETTING SYSTEM

PUB. NO.: 2000-312208 [JP 2000312208 A]
PUBLISHED: November 07, 2000 (20001107)
INVENTOR(s): MATSUDA YUICHI
APPLICANT(s): FUJITSU LTD
APPL. NO.: 11-120010 [JP 99120010]
FILED: April 27, 1999 (19990427)
INTL CLASS: H04L-012/28; H04B-010/22; H04B-010/00

ABSTRACT

PROBLEM TO BE SOLVED: To set/manage a fixed band and a shared band flexibly and matching to managing accuracy by providing a communication system having a relation as an agent with a manger and providing a band managing object to manage set values of various bands corresponding to a remote controller by the agent.

SOLUTION: A dynamic band allocation mode, for example, is set in a device 6 to be controlled via a PON physical port object 51 by a manager 4. ONU fixed bands to be allocated to respective ONUs are set in the device 6 to be controlled respectively via PON individual band managing objects #1 53-1 to #2 53-n by the manager 4. Next, the ONU fixed areas are got from the PON individual band managing objects, the total of them is calculated and held by a mediating object 55. The maximum band of a PON port is got from a PON entire band managing object 52, a PON unused band is **calculated** by using the **total value** of the ONU fixed areas by the mediating object 55.

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7/5/24 (Item 24 from file: 347)

DIALOG(R)File 347:JAPIO

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06680117 **Image available**

FLUID FEEDING DEVICE WITH INSTANTANEOUSLY REVERSING MEANS

PUB. NO.: 2000-265946 [JP 2000265946 A]
PUBLISHED: September 26, 2000 (20000926)
INVENTOR(s): INADA YOSHIKI
APPLICANT(s): MITSUBISHI HEAVY IND LTD
APPL. NO.: 11-067998 [JP 9967998]
FILED: March 15, 1999 (19990315)
INTL CLASS: F04B-015/02; F04B-009/103; F15B-011/20

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the difficulty of switching of an oscillating pipe to be connected to a fluid feeding cylinder and noise to be generated in switching of a hydraulic cylinder of a high-pressure hydraulic circuit, in a fluid feeding device for feeding fluid by a piston method.

SOLUTION: Reciprocating pistons Pa, Pb of fluid feeding cylinders CCa, CCb connected to fluid feeding hydraulic cylinders 3a, 3b are operated in the fluid sucking direction by receiving signals of the stroke ends of the fluid feeding hydraulic cylinders 3a, 3b or a swing switching hydraulic cylinder SC for the set time to be set according to the specification. High pressure sealed between the front surface sides of the fluid feeding reciprocating piston Pa or Pb is reduced. Therefore, the difficulty of switching of an osculating pipe to be selectively connected to the fluid

feeding cylinders CCa , CCb and various noises are reduced.

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DIALOG(R)File 347:JAPIO
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06673870 **Image available**
VERIFICATION DEVICE

PUB. NO.: 2000-259696 [JP 2000259696 A]
PUBLISHED: September 22, 2000 (20000922)
INVENTOR(s): IMAI HIROSHI
APPLICANT(s): TOSHIBA CORP
APPL. NO.: 11-064002 [JP 9964002]
FILED: March 10, 1999 (19990310)
INTL CLASS: G06F-017/50; G01R-031/28

ABSTRACT

PROBLEM TO BE SOLVED: To prevent the generation of misverification in the case of verifying a logical circuit by forming a part of the circuit as a black box.

SOLUTION: When a circuit part obtained by dividing a logical circuit to be verified by a circuit division part 1 is formed as a block box, a condition between output signals from the black box is found out by a condition setting part 2 and a verification part 3 for verifying a circuit to be divided into a black box and the condition is stored in a conditional expression storage part 4. A circuit verification part 6 for verifying the operation of the circuit whose black box is to be verified executes the verification while considering of the condition between the outputs of the black box which is stored in the storage part 4. Consequently misverification to be generated due to no consideration of the condition between the outputs of the black box can be evaded.

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7/5/26 (Item 26 from file: 347)
DIALOG(R)File 347:JAPIO
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06664370 **Image available**
BLACK BOX AND BLACK BOX KIT

PUB. NO.: 2000-250194 [JP 2000250194 A]
PUBLISHED: September 14, 2000 (20000914)
INVENTOR(s): TANAKA TAMOTSU
APPLICANT(s): LPL KK
APPL. NO.: 11-055484 [JP 9955484]
FILED: March 03, 1999 (19990303)
INTL CLASS: G03D-017/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide an inexpensive black box capable of completely shielding the inside from light at the time of using and easy in handling and capable of simply assembling.

SOLUTION: The black box is composed of a box main body 10, a cap 20 and light shielding sleeves 40 placed to face each other and attached to a pair of side plates 17 each provided with an arm passing hole (opening) about at the center through a light shielding sleeve attaching guide, and the light shielding sleeve 40 is structured to be made of cloth, to have rubber line inside and a freely expandable arm inserting port 41 and to be freely detachably attached to the box main body 10 through the guide. The box main body 10 and the cap 20 are members formed of a corrugated fiberboard and

are offered with the light shielding sleeve attaching guide, the light shielding sleeve 40 and assembling parts as the **black box kit**.

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06636669 **Image available**
DEVICE FOR REVISING COMMODITY PRICE

PUB. NO.: 2000-222483 [JP 2000222483 A]
PUBLISHED: August 11, 2000 (20000811)
INVENTOR(s): MATSUOKA HIDETOSHI
APPLICANT(s): FUJITSU LTD
APPL. NO.: 11-024274 [JP 9924274]
FILED: February 01, 1999 (19990201)
INTL CLASS: G06F-017/60; G07G-001/12

ABSTRACT

PROBLEM TO BE SOLVED: To provide a commodity price revising device for timely revising the price of a commodity and refunding a difference amount between the price before revision and the price after the revision to a customer purchasing the commodity by the price before the revision.

SOLUTION: The commodity price revising device is provided with a price information storing means 11 for storing a commodity price, a price revising condition and a condition for refunding a difference amount between the commodity price and a revised price as price information, a customer information storing means 12 for storing a purchaser, the purchase price of a commodity and a keyword for identifying the purchaser as customer information, a price revising means 18 for extracting the number of selling commodities from the customer information, revising the commodity price based on the price revising condition and updating the price information, and a refunding means 17 for detecting a customer to which the difference amount is to be refunded based on the customer information and the price information and **calculating** and refunding a refunding amount to the customer.

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7/5/28 (Item 28 from file: 347)
DIALOG(R)File 347:JAPIO
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06374557 **Image available**
SPECTROPHOTOMETER FOR SOLID SAMPLE MEASUREMENT

PUB. NO.: 11-316186 [JP 11316186 A]
PUBLISHED: November 16, 1999 (19991116)
INVENTOR(s): SEKIWA MITSUNAO
KAWAGUCHI SHIRO
APPLICANT(s): OTSUKA DENSHI KK
APPL. NO.: 10-121228 [JP 98121228]
FILED: April 30, 1998 (19980430)
INTL CLASS: G01N-021/01; G01J-003/02; G01N-021/27

ABSTRACT

PROBLEM TO BE SOLVED: To make a device compact and interrupt an external light without darkening the whole room by providing an openable and closable upper light shielding part for shielding a sample set surface.

SOLUTION: This spectrophotometer for solid sample measurement has a projecting system 5 and light receiving system 8 having vertical optical axes, a head part 1a housing the projecting system 5, and a substantially

horizontal sample set surface 2a. It also has a vertically adjustable sample set base 2 and an openable and closable upper light shielding part 10 for shielding the sample set surface 2a. Since the upper light shielding part 10 is openable and closable, the upper light shielding part 10 can be opened to set the sample in setting. In measurement, the upper light shielding part 10 can be closed to interrupt the external light. Therefore, it is not necessary to darken the whole room, or to put a spectrophotometer in a **black box**. Accordingly, measurement can be easily performed.

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7/5/29 (Item 29 from file: 347)
DIALOG(R)File 347:JAPIO
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06341375 **Image available**
READER-WRITER DEVICE FOR NON-CONTACT TYPE IC CARD

PUB. NO.: 11-282979 [JP 11282979 A]
PUBLISHED: October 15, 1999 (19991015)
INVENTOR(s): NISHIMURA MAKOTO
APPLICANT(s): HOSHINO HIROSHI
APPL. NO.: 10-098492 [JP 9898492]
FILED: March 26, 1998 (19980326)
INTL CLASS: G06K-017/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide the reader-writer device of an electromagnetic black box system for securing a state where a non-contact type IC card for transferring data through electromagnetic field can stably transmit and receive the electromagnetic wave intermittently for a fixed period.

SOLUTION: In an electromagnetically shielded electromagnetic black box 1 provided with at least an electrode absorbent 2, an internal antenna 3 and a control substrate 14 in the inside, the internal antenna 3 is fixed so as not to be in contact with the inner surface of the electromagnetic black box 1. A connector 5 for external communication is provided on the outer side of the electromagnetic black box 1, the internal antenna 3 and the control substrate 14 are connected by a feeder 4, the control substrate 14 and the connector 5 for the external communication are connected by a connection line and the data transmitted and received by electromagnetic communication from the internal antenna 3 are data-communicated with an external system through the control substrate 14 from the connector 5 for the external communication. Also, on the appropriate outer side part of the electromagnetic black box 1, an insertion port 6 for inserting and discharging the non-contact type IC card to/from the inside of the electromagnetic **black box** 1 is provided.

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7/5/30 (Item 30 from file: 347)
DIALOG(R)File 347:JAPIO
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06324782 **Image available**
IMAGE PICKUP DEVICE

PUB. NO.: 11-266382 [JP 11266382 A]
PUBLISHED: September 28, 1999 (19990928)
INVENTOR(s): IGAMI MORIYUKI
APPLICANT(s): FUJI PHOTO FILM CO LTD
APPL. NO.: 10-066981 [JP 9866981]
FILED: March 17, 1998 (19980317)
INTL CLASS: H04N-005/225

ABSTRACT

PROBLEM TO BE SOLVED: To provide an image pickup device that is provided with a CCD camera and by which a noiseless image is obtained by radiating generated heat in the CCD camera due to exposure for a long time.

SOLUTION: In an image pickup device provided with a cooling CCD camera 1 having a CCD and a black box 2 that contains an image medium 18 storing an image, a contact area magnification section 15 is provided at least between the cooling CCD camera and the black box, thermal conductive grease 16 is coated to a contact part of the cooling CCD camera with the black box or heat radiation fins 28 are formed around the **black box**.

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7/5/31 (Item 31 from file: 347)

DIALOG(R)File 347:JAPIO

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06308759 **Image available**

METHOD AND DEVICE FOR COMMODITY SALES MANAGEMENT FOR ROTARY FOOD AND DRINK TABLE

PUB. NO.: 11-250356 [JP 11250356 A]
PUBLISHED: September 17, 1999 (19990917)
INVENTOR(s): TOKUNO NOBUO
APPLICANT(s): NIPPON CRESCENT KK
APPL. NO.: 10-067749 [JP 9867749]
FILED: March 03, 1998 (19980303)
INTL CLASS: G07G-001/12; A47F-010/06; A47G-023/08; G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a commodity sales management method and its device that can easily manage commodity sales in real time without keeping a customer waiting for a long time at a register and that is extremely effective for introduction of a system for adjusting the price of a commodity that is first eaten.

SOLUTION: In a rotary food and drink table in upper part of which a crescent chain 18 is provided, plural material plates 16 are piled up on a material plate base 24 to which an ID medium 22 and the crescent chain 18 are set, the number of supplied ID media 22 and the material plates 16 is recorded by way of the first sensor 26 by the side of supplier. Then, on the side of a collector, the second sensor 34 counts the number of collected ID media 22 and the material plates 16, the computer collates to both data, records and displays counting of the kinds and number of the eaten material, plates 16, **calculation** of the **price**, and sales of a commodity 14.

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7/5/32 (Item 32 from file: 347)

DIALOG(R)File 347:JAPIO

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06208032 **Image available**

CASH REGISTER FOR POS

PUB. NO.: 11-149590 [JP 11149590 A]
PUBLISHED: June 02, 1999 (19990602)
INVENTOR(s): ENOKIDO MICHIO
APPLICANT(s): ISHIDA CO LTD
APPL. NO.: 10-250802 [JP 98250802]
FILED: September 04, 1998 (19980904)
INTL CLASS: G07G-001/12

ABSTRACT

PROBLEM TO BE SOLVED: To execute adjustment in a POS register without a manual operation at the time of price change after a commodity bar code is displayed by permitting configuration to be the one where an arithmetic part calculates a sales price after price reduction when the commodity where bar code data is read is the price reduced one.

SOLUTION: A controller B is the POS cash register, discounted information of a price reduced commodity is stored in the memory M of the cash register and the price reduced commodity is discriminated at the time of reading the bar code so as to decide the sales price. That is, the bar code of a label adhered to the commodity is read by a bar code scanner A and inputted to the arithmetic part (d) with microcomputer configuration in the controller B. The arithmetic part (d) uses previously inputted price reducing information so as to calculate the sales price after price reduction from the read sales price. Then, the read commodity code and the **calculated sales price** is displayed in a display part (b).

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7/5/33 (Item 33 from file: 347)
DIALOG(R)File 347:JAPIO
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06184493 **Image available**
DISPLAY PLANE IN VEHICLE

PUB. NO.: 11-126043 [JP 11126043 A]
PUBLISHED: May 11, 1999 (19990511)
INVENTOR(s): ABERSFELDER GUENTER DR
GRANTZ HELMUT
HALLDORSSON THORSTEINN
SCHMIDT-BISCHOFFSHAUSEN HORST
UHL STEFAN DR
EBERL HEINRICH ALEXANDER
APPLICANT(s): DAIMLER BENZ AG
EBERL HEINRICH ALEXANDER
APPL. NO.: 10-233405 [JP 98233405]
FILED: July 16, 1998 (19980716)
PRIORITY: 19730563 [DE 19730563], DE (Germany), July 17, 1997
(19970717)
INTL CLASS: G09F-019/12; B60H-001/00; G09F-019/16; G09F-021/04

ABSTRACT

PROBLEM TO BE SOLVED: To improve contrast and to improve the discriminability of a driver, by displaying a holography screen used as a display plane with a black or gray color under surrounding light.

SOLUTION: After start of a projection device 2, a screen 3 is scanned by a laser beam or is irradiated with an appropriate light source such as, for example, a hologen lamp. The surface of the screen 3 is coated with only flexible holography material. The screen 3 is irradiated with a small projection device 2 mounted on a surface of an outer tube. A driver 1 watches a virtual image 4 at such a distance that adjustment of eyes for the display device is not required. The screen 3 is holography having a white projection surface. This holography is applied to a background of frosting black, color or gray. Or, it is applied to a transparent surface in front of a frosting **black box** absorbing light for transmitting light projection.

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7/5/34 (Item 34 from file: 347)
DIALOG(R)File 347:JAPIO
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06062395 **Image available**

DEVICE AND METHOD FOR MOUNTING SOLDER BALL

PUB. NO.: 11-003903 [JP 11003903 A]
PUBLISHED: January 06, 1999 (19990106)
INVENTOR(s): NODA KAZUHIRO
NAKAZATO SHINICHI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 10-140908 [JP 98140908]
FILED: May 22, 1998 (19980522)
INTL CLASS: H01L-021/60; H01L-021/60; H05K-003/34; H05K-013/08

ABSTRACT

PROBLEM TO BE SOLVED: To provide a device and method for mounting solder balls by which whether or not the solder balls picked up by means of a pickup head have been accurately mounted on a work without mistakes can be discriminated easily.

SOLUTION: A solder ball mounting device which mounts solder balls provided in a supplying section on a work by picking up the solder balls by vacuum chuck with a plurality of vacuum holes 64 formed on the lower surface of a pickup head 11 is provided with the pickup head 11, constituted of a black box, a nozzle 65 which emits light from a light source 67 and is provided in the black box, and a photoreceptor which receives light leaking out of the black box through the holes 64. The presence/absence of mis-mounting of solder balls can be discriminated by emitting light from the light source 67, while the pickup head 11 returns to the supplying section after the head 11 mounts the solder balls on the work and receives the light leaking out of the black box through the holes 64.

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7/5/35 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013827790 **Image available**

WPI Acc No: 2001-312002/200133

XRPX Acc No: N01-223720

Intellectual - property evaluation apparatus comprises property price calculation section which calculates property price by adding component interest calculated for present value for every year

Patent Assignee: SEIKO INSTR INC (DASE); YASUE K (YASU-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001076042	A	20010323	JP 99250407	A	19990903	200133 B

Priority Applications (No Type Date): JP 99250407 A 19990903

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001076042	A		21	G06F-017/60	

Abstract (Basic): JP 2001076042 A

NOVELTY - Input data about profit and compound interest for every year are multiplied. Compound interest for the present value is calculated for every year. A property price calculation section (404) calculates the property price by adding the compound interest calculated for present value for every year. An output section (405) outputs the result of the property price calculation section.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Intellectual-property evaluation procedure;

(b) Recording medium

USE - For evaluating the assets worth of the intellectual property.

ADVANTAGE - Even when concession is not set up, property work is evaluated. The evaluation procedure is simple and is done in short

time. A common business person who does not have high level expert knowledge of evaluation procedure, taxation property, is able to evaluate the property worth.

DESCRIPTION OF DRAWING(S) - The figure shows the functional block diagram of intellectual property evaluation apparatus. (Drawing includes non-English language text).

Property price calculation section (404)

Output section (405)

pp; 21 DwgNo 3/19

Title Terms: INTELLIGENCE; PROPERTIES; EVALUATE; APPARATUS; COMPRISE; PROPERTIES; PRICE; CALCULATE; SECTION; CALCULATE; PROPERTIES; PRICE; ADD; COMPONENT; INTEREST; CALCULATE; PRESENT; VALUE; YEAR

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

7/5/36 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012974957 **Image available**

WPI Acc No: 2000-146806/200013

XRPX Acc No: N00-108710

Intellectual property value change protection device in data processing system

Patent Assignee: IP VALUE LLC (IPVA-N)

Inventor: COVELLO D F; RISEN W M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6018714	A	20000125	US 97966062	A	19971108	200013 B

Priority Applications (No Type Date): US 97966062 A 19971108

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6018714	A		19	G06F-017/60	

Abstract (Basic): US 6018714 A

NOVELTY - A data processor receives validity of intellectual property asset determined by litigation, predicted appraised value of the asset during particular period of time, and value of competitive intellectual property asset. The data processor calculates proposed insurance premium based on these received information.

DETAILED DESCRIPTION - The competitive asset causes a significant reduction in the predicted appraised value of the intellectual property asset during particular period of time.

USE - For protecting change in intellectual property value e.g. patent right, trademark, trade secrets, trade dress rights and copyrights in data processing system.

ADVANTAGE - Financial risks associated with purchase, ownership and use of the intellectual property is spread. Using the values assigned by agreement between the insurance company and the proposed insured by expert evaluation, several types of desired values can be obtained. The insurance coverage extends to cover cases in which employee leaves a company, steals valuable trade secrets and takes them to other company, by issuing the policy which can be renewed on annual basis.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart illustrating a method for issuing insurance proposal.

pp; 19 DwgNo 1/2

Title Terms: INTELLIGENCE; PROPERTIES; VALUE; CHANGE; PROTECT; DEVICE; DATA ; PROCESS; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07248769 **Image available**
METHOD FOR PROVIDING INFORMATION

PUB. NO.: 2002-117223 [JP 2002117223 A]
PUBLISHED: April 19, 2002 (20020419)
INVENTOR(s): KUNIKIYO TATSUYA
APPLICANT(s): MITSUBISHI ELECTRIC CORP
APPL. NO.: 2000-308809 [JP 2000308809]
FILED: October 10, 2000 (20001010)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To urge an IP(Intellectual Property) provider to open a high quality IP to the public and to reduce the burden of a user using the IP with respect to IP design and verification by facilitating the raising of funds by the IP provider and returning a reward corresponding to the **value** of the IP to the IP provider.

SOLUTION: The IP 31 provided by the provider 11 is opened to the public at a trading market 22, and **securities** 32 are issued in regard to the IP 31. A **value** 44 of the **securities** 32 bought by investors 13 is returned to the provider 11 via the market 22. The user 12 using the IP 31 opened to the public pays a value 41 corresponding to the frequency of using the IP 31 to the market 22 and the value is returned indirectly to the provider 11. The provider 11 gives a dividend 43 to the investor 13.

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10/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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07240966 **Image available**
PRICE SETTING METHOD FOR MULTIPLICITY OF CURRENCIES

PUB. NO.: 2002-109417 [JP 2002109417 A]
PUBLISHED: April 12, 2002 (20020412)
INVENTOR(s): UEDA RYOICHI
IIZUKA HIDEYOSHI
APPLICANT(s): HITACHI LTD
APPL. NO.: 2000-297067 [JP 2000297067]
FILED: September 26, 2000 (20000926)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a price setting method to solve the problem that when payment is allowed to be made in a foreign currency, a seller bears the risk of fluctuations in foreign currency exchange rate and pays extra **foreign exchange** commission, which is eventually carried over to a buyer unfavorably.

SOLUTION: When pricing is made in a foreign currency, in consideration of a seller's financial state, this method implements price setting favorable to a buyer for a payment in a currency needed by a seller, and, conversely, it implements price setting unfavorable to a buyer for a payment in a currency not needed by a seller. In this way this method enables a seller to reduce a risk of **foreign exchange** fluctuation and to lower a rate of **foreign exchange** commission and is able to present a buyer with a payment method in a foreign currency at the most favorable **price**.

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10/5/3 (Item 3 from file: 347)
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07237080 **Image available**
METHOD FOR REFINING MOLTEN STEEL

PUB. NO.: 2002-105530 [JP 2002105530 A]
PUBLISHED: April 10, 2002 (20020410)
INVENTOR(s): KIKUCHI JUN
YASUDA HIROBUMI
APPLICANT(s): SUMITOMO METAL IND LTD
APPL. NO.: 2000-294502 [JP 2000294502]
FILED: September 27, 2000 (20000927)
INTL CLASS: C21C-007/10; C21C-007/04; C21C-007/06

ABSTRACT

PROBLEM TO BE SOLVED: To develop technique by which the efficiency of dehydrogenizing treatment in a vacuum degassing apparatus can be improved without requiring new facility **investment** and also without causing operational cost increase.

SOLUTION: When a secondary refining aiming mainly at dehydrogenization of molten steel is performed by using the vacuum degassing apparatus after performing deoxidation at tapping of a converter, oxygen activity of the molten steel is regulated to 0.003-0.0100 during dehydrogenizing the molten steel to at least 20% of difference between a hydrogen value of the molten steel at a point in time when vacuum degassing treatment starts, and a target hydrogen **value**.

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07181486 **Image available**
SYSTEM AND METHOD FOR SELLING AND BUYING SECURITY, SECURITY SALES MANAGING SYSTEM, AND RECORDING MEDIUM

PUB. NO.: 2002-049877 [JP 2002049877 A]
PUBLISHED: February 15, 2002 (20020215)
INVENTOR(s): NAKADE KATSUHIRO
APPLICANT(s): NEC CORP
APPL. NO.: 2000-234271 [JP 2000234271]
FILED: August 02, 2000 (20000802)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the labor and time for settling contracted price when the transaction of **securities** is approved in a security selling/buying system.

SOLUTION: An orderer transmits selling/buying order information and a bank account used for a contracted price settlement processing to the security sales managing system 20 from a user terminal 10. The security sales managing system 20 transmits selling/buying order information to a security transaction market system 30 and makes it mediate the transaction of the **securities**. The security sales managing system 20 generates the contracted price settlement information showing the content of the contracted price settlement processing, which includes the bank account of the orderer to be used for the contracted price settlement, based on a transaction result and the bank account sent from the orderer and transmits it to a bank account managing system 40. The bank account managing system 40 settles the contracted price by performing account transfer in accordance with the contracted **price** settlement information.

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07173412 **Image available**
SIMULTANEOUS ORDERING SYSTEM FOR ON-LINE TRADE DEALING

PUB. NO.: 2002-041799 [JP 2002041799 A]
PUBLISHED: February 08, 2002 (20020208)
INVENTOR(s): AMAGI NORITO
APPLICANT(s): AMAGI NORITO
APPL. NO.: 2000-253169 [JP 2000253169]
FILED: July 19, 2000 (20000719)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To prevent a less-experienced individual investor who uses on-line trades of **stocks** from missing the timing of profit-taking or loss-selling to have large damage.

SOLUTION: When a buying order for stock is sent on-line, a selling order is also sent at the same time while a fall or rise in stock **price** is taken into consideration.

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07172326 **Image available**
TONER AND ELECTROPHOTOGRAPHIC DEVICE

PUB. NO.: 2002-040712 [JP 2002040712 A]
PUBLISHED: February 06, 2002 (20020206)
INVENTOR(s): YUASA YASUHIITO
MAEDA MASATOSHI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 2000-222276 [JP 2000222276]
FILED: July 24, 2000 (20000724)
INTL CLASS: G03G-009/087; C08K-003/00; C08K-003/22; C08K-005/098;
C08K-005/55; C08K-005/56; C08K-009/02; C08L-067/00;
C08L-091/06; G03G-009/097; G03G-009/09; G03G-009/08;
G03G-015/00; G03G-015/01; G03G-015/04; G03G-015/08;
G03G-015/16; G03G-015/20

ABSTRACT

PROBLEM TO BE SOLVED: To provide a toner which enables is compatible with high transmissivity and offset resistance with color toner without using fixing oil and retaining stable development property even in a cleanerless process, has an image forming unit group in which plural movable image forming units which form toner images of different colors are annularly arranged, suitably acts to an electrophotographic method having the constitution in which the whole of the image forming units rotatably move and enables preventing the generation of filming to a photoreceptor due to high density and bottom fogging.

SOLUTION: This toner is constituted in such a manner that inorganic fine particles exhibiting positive electrostatic chargeability are added to a toner matrix comprising polyester resin having a prescribed acid value and a hydrocarbon type wax having ester **bonds** with a prescribed acid **value** or amide **bonds**.

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07156168
SYSTEM FOR AUTOMATICALLY INSTRUCTING BUYING AND SELLING OF STOCK BY
ELECTRONIC TRANSACTION

PUB. NO.: 2002-024549 [JP 2002024549 A]
PUBLISHED: January 25, 2002 (20020125)
INVENTOR(s): RYU KAZUYOSHI
APPLICANT(s): RYU KAZUYOSHI
APPL. NO.: 2000-240449 [JP 2000240449]
FILED: July 04, 2000 (20000704)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a system for automatically buying and selling a stock by using an electronic transaction capable of preliminarily setting the buying price and selling price of a stock at the time of buying and selling a stock, and concluding the transaction when the stock price is matched, and repeatedly executing this procedure.

SOLUTION: In this system for automatically buying and selling a stock by using an automatic transaction, **investment** is executed by wing movement in a box zone moving in a fixed frame, and the buying price and selling price of the stock are preliminarily set, and the transaction is concluded when the stock **price** is matched.

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07156165 **Image available**
BOND TRANSACTION ORDERING SYSTEM AND RECORDING MEDIUM RECORDED WITH PROGRAM
OF BOND TRANSACTION ORDERING SYSTEM

PUB. NO.: 2002-024546 [JP 2002024546 A]
PUBLISHED: January 25, 2002 (20020125)
INVENTOR(s): MATSUZAWA HIROKO
APPLICANT(s): MATSUZAWA HIROKO
APPL. NO.: 2000-203198 [JP 2000203198]
FILED: July 05, 2000 (20000705)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To realize an automatic bond transaction at the time of ordering a bond such as stock under a user's responsibility.

SOLUTION: This system is constituted of the target of buying and selling preserving means for registering the price of a bond, a fund balance calculating means for preserving funds necessary for purchase, a bond price updating means for updating the quantity of a bond, and a bond buying and selling ordering means for ordering the buying and selling of the bond when the price of the **bonds** approaches the buying and selling **price**.

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07139335 **Image available**
TRANSACTION SYSTEM

PUB. NO.: 2002-007707 [JP 2002007707 A]
PUBLISHED: January 11, 2002 (20020111)
INVENTOR(s): MORIHIRA SOICHIRO
 TOYAMA SETSUO
 OKANO TOYOAKI
 OGAWA MASAO
 YONENOBU TAKASHI
 MATOBA MASAACKI
APPLICANT(s): KEIO GIJUKU
 NIPPON YUNISHISU KK
APPL. NO.: 2000-188515 [JP 2000188515]
FILED: June 22, 2000 (20000622)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To enable a customer to make a quick **investment** decision by forming a fair sales price and also performing picture display of board information, such as an order memo.

SOLUTION: A user who participates in transactions accesses a server 30, that performs transaction processing via the Internet 20 by using a client terminal. The user performs authentication with a transaction system to make sure, who the user is and subsequently can access the server 30. The server 30 checks a selling order with a buying order and establishes a sales transaction. Fair sales price formation is made, by realizing sales contract processing that does not go through a market maker and allowing a customer to freely refer to a **price** formation process.

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07129527 **Image available**
POSITION DISPLAY SYSTEM AND COMPUTER-READABLE MEDIUM

PUB. NO.: 2001-357197 [JP 2001357197 A]
PUBLISHED: December 26, 2001 (20011226)
INVENTOR(s): OSONO MICHITAKA
 YAMAMOTO TATSUYOSHI
 MIYAMAKI HIDETAKA
APPLICANT(s): SUMITOMO HEAVY IND LTD
APPL. NO.: 2000-150087 [JP 2000150087]
FILED: May 22, 2000 (20000522)
PRIORITY: 2000-109740 [JP 2000109740], JP (Japan), April 11, 2000
 (20000411)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a position display system which can display the position of an object item to be analyzed in such a form that the positions of other items can be displayed.

SOLUTION: A management analysis database 17 is a multidimensional database wherein data set consisting of combinations of evaluated values are classified according to various standards and stored. A business analytic server 14 extracts data set from the management analytic database 17 under extraction conditions specified by an operator of a client computer 2, computes coordinate values by the extracted data sets according to the combination of evaluated values, and displays an object at the point that the coordinate **values** on a **portfolio** map indicate.

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07091406 **Image available**

MANAGING METHOD FOR OTHER-COMPANY'S STOCK CONVERTIBLE BOND WITH EARLY
PARTIAL REDEMPTION ARTICLE

PUB. NO.: 2001-319062 [JP 2001319062 A]
PUBLISHED: November 16, 2001 (20011116)
INVENTOR(s): JOHN LAWRENCE
KOSAKA HIROSHI
APPLICANT(s): BNP PARIBAS SECURITIES (JAPAN) LTD
APPL. NO.: 2000-136700 [JP 2000136700]
FILED: May 10, 2000 (20000510)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a managing method for other-company's stock convertible bond with early partial redemption article which has a small risk.

SOLUTION: Brands are regarded as objects of conversion and early redemption reference prices and early redemption evaluation days are set individually and respectively; and the early redemption reference prices and stock prices are compared with each other by the brands and partial redemption is performed with the corresponding **capital** of a brand exceeding its early redemption reference **price** for the band.

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07084945 **Image available**

RISK CALCULATING SYSTEM AND METHOD THEREFOR

PUB. NO.: 2001-312593 [JP 2001312593 A]
PUBLISHED: November 09, 2001 (20011109)
INVENTOR(s): TATEYAMA TAKAHARU
APPLICANT(s): SUMITOMO CORP
APPL. NO.: 2000-131212 [JP 2000131212]
FILED: April 28, 2000 (20000428)
INTL CLASS: G06F-017/60; G06F-017/18

ABSTRACT

PROBLEM TO BE SOLVED: To provide a risk calculating system of high reliability.

SOLUTION: The risk calculating system 10 comprises a correlating matrix calculating part 16 generating a correlating matrix which shows each correlation of plural risk factors including both of market risk factor and credit risk factor, a correlating random numbers vector calculator 22 calculating random numbers having correlation structure to each other by using the correlating matrix, a scenario generating part 30 generating a scenario which simulates each value of plural risk factors after the lapse of a unit time by using the random numbers having correlation structure, a **portfolio** value calculator 34 calculating a simulated asset value which simulates asset value after the lapse of a unit time based on the scenario and a VaR calculator 36 calculating a VaR from the simulated asset **value** and present asset **value**.

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07084937 **Image available**
GENERATION METHOD FOR ENTERPRISE ECONOMIC VALUE EVALUATION INFORMATION,
ENTERPRISE ECONOMIC VALUE EVALUATION DIAGNOSTIC SYSTEM USING THE METHOD,
AND RECORDING MEDIUM WITH PROGRAM FOR THE EVALUATION METHOD RECORDED
THEREON

PUB. NO.: 2001-312585 [JP 2001312585 A]
PUBLISHED: November 09, 2001 (20011109)
INVENTOR(s): ISHII MAKOTO
APPLICANT(s): MATSUSHITA ELECTRIC WORKS LTD
APPL. NO.: 2000-129551 [JP 2000129551]
FILED: April 28, 2000 (20000428)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method for computing enterprise economic value evaluation information (MEP) which is a new index and could be a standard for judging qualification as **investment** object for enterprise from such a point of view that if a profit surpassing the **capital** cost is yielded so as to display in a comprehensible form using a computer.

SOLUTION: The following is executed in this method: processing of storing each data of profit after tax, net trade assets and **capital** cost ratio picked up from accounting data for at least one or more of corporate sector in a memory; processing of computing, based on the above data stored in a memory, an economic value evaluation information (MEP); and processing of displaying, on a display screen, the computed MEP in combination with **capital** efficiency evaluation **value** and net trade assets.

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07055366 **Image available**
TRANSACTION PRECIPITATING SYSTEM OF INTELLECTUAL PROPERTY

PUB. NO.: 2001-283001 [JP 2001283001 A]
PUBLISHED: October 12, 2001 (20011012)
INVENTOR(s): YOSHINO MASA HARU
ITO MASAHIRO
SATO CHIYOKO
APPLICANT(s): GLOBAL PATENT NETWORK KK
APPL. NO.: 2000-094889 [JP 200094889]
FILED: March 30, 2000 (20000330)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a system for precipitating the transaction of intellectual property by making intellectual property the quota **securities** of plural enforcement rights so as to divide it as right which the purchasing person of the **intellectual property** can obtain at a purchasing **price** corresponding to an economical effect by its utilization.

SOLUTION: This transaction precipitating system 100 consists of a transaction managing device 1, an Internet communication line 2, the client terminal 3 of an intellectual property owner, an investor client terminal 4, a company client terminal 5, a **securities** business circle person client terminal 6, a nonlife insurance company client terminal 7 and a judgment and evaluation agency client terminal 8.

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07048022

METHOD FOR PRODUCING HIGHLY UNSATURATED FATTY ACID- CONTAINING CULTURE
PRODUCT AND HIGHLY UNSATURATED FATTY ACID-CONTAINING OIL OR FAT BY USE OF
MICROORGANISM BELONGING TO GENUS LABYRINTHULA

PUB. NO.: 2001-275656 [JP 2001275656 A]
PUBLISHED: October 09, 2001 (20011009)
INVENTOR(s): YOKOCHI TOSHIHIRO
NAKAHARA HARURO
YAMAOKA MASAKAZU
KURANE RYUICHIRO
APPLICANT(s): NATL INST OF ADVANCED INDUSTRIAL SCIENCE & TECHNOLOGY METI
APPL. NO.: 2000-094441 [JP 200094441]
FILED: March 30, 2000 (20000330)
INTL CLASS: C12N-001/14; A23D-009/007; C11C-001/02; C11C-003/00;
C12P-007/64; C12N-001/14; C12R-001:645; C12P-007/64;
C12R-001:645

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method for efficiently producing an oil
or fat-containing product containing a long chain highly unsaturated fatty
acid or a long chain highly unsaturated fatty acid-containing oil or fat
having a high added value by the use of a microorganism.

SOLUTION: This method for producing the long chain highly unsaturated fatty
acid is characterized by culturing a microorganism belonging to the genus
Labyrinthula in a culture medium containing an oil, a fat or a fatty acid
as a carbon source and then collecting the long chain highly unsaturated
fatty acid from the culture product. Thereby, the oil or fat-containing
product containing the ≥ 20 C long chain highly unsaturated fatty acid
having two or more unsaturated bonds, such as docosahexaenoic acid or the
oil or fat containing the long chain highly unsaturated fatty acid can
efficiently be produced from the vegetable oil or fat, the fatty acid, or
the like. The present invention can be employed as a new oil or
fat-modifying method for converting the vegetable oil or fat, or the like,
into an oil or fat containing the long chain highly unsaturated fatty acid
having a high added value.

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06995011 **Image available**
DISPLAY CHART FOR STOCK TRADING ORDER DATA

PUB. NO.: 2001-222591 [JP 2001222591 A]
PUBLISHED: August 17, 2001 (20010817)
INVENTOR(s): IIDA TATSUHIDE
IIDA KAYOKO
APPLICANT(s): KENTEX KK
APPL. NO.: 2000-029647 [JP 200029647]
FILED: February 07, 2000 (20000207)
INTL CLASS: G06F-017/60; B42D-011/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a display chart for stock trading order
data which can present a distribution of trading tone value based on the
daytime stock trading orders about a certain issue in an
easy-to-visually-recognize mode.

SOLUTION: This chart displays the current value set at a certain time in the daytime, the selling or buying order price that is presented by an investor in the limit value and not settled yet in its trading and also the number of **stocks** of the said price in regard to the stock of a certain issue. Then the chart shows the prices and the number of **stocks** in a vertical axis direction and a horizontal axis direction respectively and includes a value width part 10 consisting a segment 4 which connects a current value plot 1 showing the current value to one or plural limit value plots 2a, 2b, etc., showing the selling or buying order price and a number-of- **stocks** display part 20 which starts at the points 2a, 2b, etc., set as the start points on the part 10 and extends in the horizontal axis direction in accordance with the number of **stocks** shown at the relevant **price** .

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06977676 **Image available**
WASTE DISPOSAL SYSTEM

PUB. NO.: 2001-205247 [JP 2001205247 A]
PUBLISHED: July 31, 2001 (20010731)
INVENTOR(s): SHIRAI YOSHITO
SAKASHITA SHIGERU
APPLICANT(s): SHIRAI YOSHITO
MAYEKAWA MFG CO LTD
APPL. NO.: 2000-015190 [JP 200015190]
FILED: January 25, 2000 (20000125)
INTL CLASS: B09B-005/00; C08J-011/00

ABSTRACT

PROBLEM TO BE SOLVED: To prevent the operation of factories and traders processing wastes discharged from household, restaurants, food processors, and factories, from being badly influenced by the fluctuation in the volume and price of the wastes due to the change in people's taste, seasons, and the like.

SOLUTION: Primary processing points, in which the waste material is processed to be fit for secondary processing, and a manufacturer of a secondary- processed product, which is disposed separately from the primary processing points and processes a primary-processed product processed in the primary processing points to produce a secondary-processed product, are established. The manufacturer of a secondary-processed product issues **bonds** , which stipulate that the manufacturer receives the primary-processed product and secondary- processes it, to the primary processing points, thereby coping with the fluctuation in the volume and **price** of the waste material.

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06971112 **Image available**
METHOD AND DEVICE FOR DETECTING SPARK IN HIGH FREQUENCY RESISTANCE WELDING

PUB. NO.: 2001-198682 [JP 2001198682 A]
PUBLISHED: July 24, 2001 (20010724)
INVENTOR(s): HARAGUCHI AKIHIKO
MIZUI SHIGERU
ITO TAKASHI
FUJISAKI YOSHIHISA

KANAYAMA KAZU

APPLICANT(s): SUMITOMO METAL IND LTD
APPL. NO.: 2000-006763 [JP 20006763]
FILED: January 14, 2000 (20000114)
INTL CLASS: B23K-013/08; B23K-013/04

ABSTRACT

PROBLEM TO BE SOLVED: To correctly and surely detect sparks generating when welded wide flange shape steel is manufactured by applying high frequency resistance welding to web **stocks** and flange **stocks** consisting of steel strip.

SOLUTION: A spark detector 20, which is provided with an ammeter 29 for measuring a current value of DC in a high frequency current generator 21 having an oscillating circuit 25 converting DC into high frequency current and also inputting the high frequency current to a high frequency resistance welding machine 10 as welding current and an arithmetic unit 30 for judging the generation of the sparks based on the change of the current value of DC measured by the ammeter 29, is used. The generation of the sparks in high frequency resistance welding is detected by the spark detector 20 based on the change of the current **value** of DC.

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06967881 **Image available**
INFORMATION PROCESSOR

PUB. NO.: 2001-195450 [JP 2001195450 A]
PUBLISHED: July 19, 2001 (20010719)
INVENTOR(s): ISONO TAKASHI
APPLICANT(s): HITACHI KOKUSAI ELECTRIC INC
APPL. NO.: 2000-004566 [JP 20004566]
FILED: January 13, 2000 (20000113)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a device notifying the state of **securities** information.

SOLUTION: This **securities** information processor 100 performing prescribed processing on the basis of received security information, is provided with a receiving part 10 receiving **securities** information, a set value storing part 18 storing a set value, with which the state of the **securities** information is designated and a communication control part 22 that notifies of a state in which the **securities** information is designated to the set value when the **securities** information is designated to the set **value** .

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06954175 **Image available**
METHOD FOR MONITORING CONDITION IN ELECTRIC FURNACE

PUB. NO.: 2001-181727 [JP 2001181727 A]
PUBLISHED: July 03, 2001 (20010703)
INVENTOR(s): TADA MUTSUMI
KONDO HIROSHI
UEDA ARATA
NAKAHARA TOYOHITO
APPLICANT(s): KAWASAKI STEEL CORP

APPL. NO.: 11-362924 [JP 99362924]
FILED: December 21, 1999 (19991221)
INTL CLASS: C21C-005/52; F27B-003/08

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method of monitoring the condition in a furnace, such as slag forming state, in an electric furnace without needing new equipment **investment** .

SOLUTION: When a steel is melted by charging cold iron source or the cold iron source and molten iron into the electric arc furnace provided with furnace top electrode, melting and refining, the exhaust gas in the electric furnace is continuously measured and the condition in the furnace, such as the slag forming state in the furnace, is monitored based on the variation trend of the measured **value** .

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06920012
ELECTROSTATIC CHARGE IMAGE DEVELOPING TONER

PUB. NO.: 2001-147550 [JP 2001147550 A]
PUBLISHED: May 29, 2001 (20010529)
INVENTOR(s): KISHIMOTO TAKUJI
APPLICANT(s): NIPPON ZEON CO LTD
APPL. NO.: 11-331392 [JP 99331392]
FILED: November 22, 1999 (19991122)
INTL CLASS: G03G-009/08

ABSTRACT

PROBLEM TO BE SOLVED: To provide an electrostatic charge image developing toner for low temperature fixing, adaptable to energy saving, high-speed printing and copying and color printing and copying, excellent in preservability and fluidity and capable of forming a good image with high resolution.

SOLUTION: The electrostatic charge image developing toner contains at least a bonding resin, a colorant and a polyfunctional ester compound having (a) ≥ 5 ester **bonds** in one molecule, (b) a molecular weight of $\geq 2,000$, (c) a solubility of ≥ 5 g/100 g styrene measured at 35 $^{\circ}$ C and (d) an acid **value** of ≤ 2 mgKOH/g.

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06890465 **Image available**
METHOD AND SYSTEM FOR INFERRING COMPLICATED **SECURITIES** USING LITTLE
DEFERENT DECISION-THEORETIC STREAM AND **PORTFOLIO** CONSTITUTING METHOD

PUB. NO.: 2001-117974 [JP 2001117974 A]
PUBLISHED: April 27, 2001 (20010427)
INVENTOR(s): JOSEPH F TORAUUVU
SUPASHIMIRU PASUKOFU
IRWIN T FANDERUHOOFU
ANARUJIROSU PAPAGEORUGYUU
APPLICANT(s): TRUSTEES OF COLUMBIA UNIV IN THE CITY OF NEW YORK
APPL. NO.: 11-286401 [JP 99286401]
FILED: October 07, 1999 (19991007)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method and a system for inferring complicated **securities** and a **portfolio** constituting method.

SOLUTION: The method for inferring complicated **securities** is provided with a step for providing at least one multi-variation function to be integrated expressing an inferred value at least in one part of the complicated **securities** in the case of integration within the range of integration, a step for calculating an integrated value at a point inside the range of integration provided from a little different decision-theoretic stream with a computer and a step for performing one of purchasing, owning and selling of the complicated **securities** on the basis of an entire value including the estimated value, and the **portfolio** constituting method is provided with a step for calculating a lot of latent loss function values at the point provided from the little different decision-theoretic stream inside the area of stochastic market elements with the computer, a step for determining the cumulative distribution function of the said function value, a step for determining a dangerous value as one of function values corresponding to the designated level of credit, and a step for constituting the **portfolio** corresponding to the comparison of the dangerous **value** and the designated target **value**.

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06769727

MINUTE PARTICLES AND PREPARATION THEREOF, LIQUID CRYSTAL DISPLAY ELEMENT AND SPACER THEREFOR, AND ELECTROCONDUCTIVE MINUTE PARTICLES AND ELECTROCONDUCTIVE CONNECTION STRUCTURE

PUB. NO.: 2000-355601 [JP 2000355601 A]

PUBLISHED: December 26, 2000 (20001226)

INVENTOR(s): NAGAI YASUHIKO

KAWAGUCHI HARUMA

HASHIMOTO YASUHIRO

APPLICANT(s): SEKISUI CHEM CO LTD

APPL. NO.: 11-168474 [JP 99168474]

FILED: June 15, 1999 (19990615)

INTL CLASS: C08F-002/06; C08F-020/30; C08F-032/04; C08J-003/12;
G02F-001/1339; G02F-001/1345

ABSTRACT

PROBLEM TO BE SOLVED: To easily obtain minute particles having a high monodispersibility, an excellent dynamic strength and an excellent solvent resistance, by polymerizing monomers wherein polymerizable monomers comprising allyl (meth)acrylate and benzyl methacrylate and a polymerization initiator are dissolved in an org. solvent which does not dissolve the generated polymer.

SOLUTION: This method for preparing minute particles comprises polymerizing polymerizable monomers comprising a multifunctional monomer having two or more unsatd. double **bonds** in a molecule thereof in the presence of a polymerization initiator, wherein allyl (meth)acrylate is used as the multifunctional monomer, pref. at the concn. of 3-40 mol% based on the total monomer content, benzyl methacrylate is used, pref. at the concn. of 3-20 mol% on the same basis, and an org. solvent which dissolves the polymerizable monomers and a polymerization initiator but does not dissolve the generated polymer is used as the solvent. As a result, minute particles with a particle size on the order of micron meter can be obtd. without causing aggregation of the particles. These particles pref. have a dynamic strength of 250-1,000 kg/mm² as a 10% K **value**.

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10/5/24 (Item 24 from file: 347)
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06768527
PATENT SECURITY

PUB. NO.: 2000-354400 [JP 2000354400 A]
PUBLISHED: December 19, 2000 (20001219)
INVENTOR(s): TAKANO TORU
APPLICANT(s): TAKANO TORU
APPL. NO.: 11-199397 [JP 99199397]
FILED: June 09, 1999 (19990609)
INTL CLASS: 0000-000/00

ABSTRACT

PROBLEM TO BE SOLVED: To raise money from many and unspecified persons by issuing **securities** when a patent license is granted and putting the **securities** to sale on the market.

SOLUTION: A patent is appraised and **securities** are issued at a constant rate. Patent income is multiplied by the constant rate to determine an allotment. Appraised **value** X of the **patent** is determined based on the remaining period of the patent license, novelty of the patent, research cost required for acquiring the patent license, applicability, practicality, technology, application products, and public evaluation. A constant rate Y% for issuing **securities** is then determined. Assuming the face value of a security is Z yen, the number B of **securities** to be issued is determined by dividing the sum of money A, obtained by multiplying the appraised value X by the constant rate Y%, by the face value of Z yen. Furthermore, a total allotment D is determined by multiplying the entire income C obtained periodically from the patent license by the constant rate Y% and then the allotment E per security is determined by dividing the total allotment D by the number B of **securities** to be issued.

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06752927
SEMICONDUCTIVE INTERMEDIATE TRANSFER BELT

PUB. NO.: 2000-338789 [JP 2000338789 A]
PUBLISHED: December 08, 2000 (20001208)
INVENTOR(s): KAWAGUCHI TOSHIYUKI
HIBI TOYOJI
ODAJIMA SATOSHI
HASEBE AKIHISA
APPLICANT(s): SHIN ETSU POLYMER CO LTD
APPL. NO.: 11-144620 [JP 99144620]
FILED: May 25, 1999 (19990525)
INTL CLASS: G03G-015/16

ABSTRACT

PROBLEM TO BE SOLVED: To stably supply a material exhibiting stable conductivity for an intermediate transfer belt to be used for an electrophotographic copying machine, laser printer or the like.

SOLUTION: The material is prepared by dispersing a carbon black having ≥ 2.0 index percentage of the volatile content (wt.%) divided by the nitrogen adsorption specific surface area (m²/g) in an insulating resin. Further, a carbon black having ≥ 25 mol% of carboxyl groups in the

surface functional groups of the carbon is used. As for the insulating resin, the following resin is preferably used. The resin has recurring units of aromatic polymer chains containing ester bonds, ether bonds, amide bonds, urethane bonds, allophanate bonds, urea bonds, imide bonds, ketone bonds and benzimidazole bonds, and is soluble with a single or mixture solvent having ≥ 9 SP value.

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06684941

OIL AND FAT FOR FRY AND FRIED FOOD

PUB. NO.: 2000-270770 [JP 2000270770 A]
PUBLISHED: October 03, 2000 (20001003)
INVENTOR(s): ENDO YASUYUKI
NAKAHARA HIROKO
OBARA ATSUSHI
APPLICANT(s): NISSHIN OIL MILLS LTD:THE
APPL. NO.: 11-080711 [JP 9980711]
FILED: March 25, 1999 (19990325)
INTL CLASS: A23D-009/00; A23L-001/01

ABSTRACT

PROBLEM TO BE SOLVED: To obtain both oils and fats for fry for frying a food such as a fry without a coat, a snack, etc., to enhance the taste of the fried food by seasoning the food with a spice and a flavor and suppressing the deterioration of the fried food and a fried food using the oils and fats.

SOLUTION: The oils and fats for fry are obtained by formulating 50-100 wt.% of transesterified oils and fats with 0-50 wt.% of oils and fats and have the ratio of fatty acids containing ≥ 2 double bonds in the molecule to constituent fatty acids of ≤ 20 wt.% and ≤ 10 wt.% SFC(Solid Fat Content) value at 35deg;C.

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06666502 **Image available**
BONDING DEVICE

PUB. NO.: 2000-252326 [JP 2000252326 A]
PUBLISHED: September 14, 2000 (20000914)
INVENTOR(s): HASE HIROAKI
KISHI TOSHINOBU
NAGAI KIYOHARU
OKAMURA MASAMITSU
OGA TAKUYA
APPLICANT(s): MITSUBISHI ELECTRIC CORP
APPL. NO.: 11-047781 [JP 9947781]
FILED: February 25, 1999 (19990225)
INTL CLASS: H01L-021/60

ABSTRACT

PROBLEM TO BE SOLVED: To improve the detecting accuracy of pressurizing forces.

SOLUTION: A bonding device is provided with the head of a chucking section 19 which moves in the Z-axis direction, holds electronic parts, and bonds

the parts to a substrate by heating the parts while the head presses the parts against the substrate, a load cell 332 which is fixed to the head and, at the same time, measured the pressurizing force of the head, and a contact member 220 which comes into contact with the upper part of the load cell 332. The bonding device is also provided with a tension spring 330 which pulls up the head and, at the same time, presses the load cell 332 against the contact member 220 with a prescribed value .

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06661252
PREPAID VOUCHER HAVING INDICATION OF AMOUNT ON FRONT FACE AND RIGHT OF CLAIM ON FUTURES ON REAR SURFACE

PUB. NO.: 2000-247076 [JP 2000247076 A]
PUBLISHED: September 12, 2000 (20000912)
INVENTOR(s): KIMURA YOSHIHIRO
APPLICANT(s): KIMURA YOSHIHIRO
APPL. NO.: 11-100456 [JP 99100456]
FILED: March 03, 1999 (19990303)
INTL CLASS: B42D-015/10

ABSTRACT

PROBLEM TO BE SOLVED: To ensure the purchase of commodities, the provision of services or the like equivalent to an investment amount on furthers, and allow active investment by indication the claim on the futures on the rear face of a prepaid voucher having an original amount indicated on the front face.

SOLUTION: The voucher is made such that its front face and rear face can selectively be used, when an investor suffers from a loss due to the price collapse of the futures, by renouncing a claim on the futures on the rear face for receiving the purchase of commodities or the provision of services in use of a function as a certificate of commodities. Namely, a prepaid voucher having an amount corresponding to a claim on commodities on the date issued as an original amount on the front face is issued at the issuer side. When the front face is utilized as a gift certificate, payment is effected at the issuer side in the same manner that a price for purchasing by use of an ordinary gift certificate is claimed. As such, the purchase or service of commodities equivalent to an investment amount on the futures is ensured in its offer, thereby making investment active, and enhance stabilization at a high price of commodities.

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DIALOG(R)File 347:JAPIO
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06657852 **Image available**
PRODUCT IDENTIFYING METHOD USED IN SEMICONDUCTOR MANUFACTURING PROCESS

PUB. NO.: 2000-243675 [JP 2000243675 A]
PUBLISHED: September 08, 2000 (20000908)
INVENTOR(s): SHIGEMATSU YOSHIMASA
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 11-044363 [JP 9944363]
FILED: February 23, 1999 (19990223)
INTL CLASS: H01L-021/02; G06F-011/10; G11C-017/00

ABSTRACT

PROBLEM TO BE SOLVED: To identify a product simply at a low cost, by

collating the sum values calculated from ROM code to be provided in HE masks with the sum values calculated by performing a ROM dump from a wafer diffused through the HE mask provided with ROM code.

SOLUTION: For products having no option, a sheet of CW mask used in common to them is created, and for products having their **options**, by giving every product a unique identifier to it, a CW mask is created. Also, in a diffusion process, the process is managed by the names of products. In a development section, from ROM code to be provided in HE masks, sum values are calculated. In a factory section, by performing ROM dump from a wafer diffused through an HE mask provided with ROM code, sum values are calculated. By collating with each other the sum values of ROM code and ROM dump, a product is identified. The reference of ROM size every product which is registered previously in a data base by reading ROM code is performed. Then, when ROM code is smaller than ROM size, padding values are inserted into the region thereof. Subsequently, the words of a read ROM code are divided successively from its front-end into the rows each of which comprises seven words, and exclusive ORs are calculated in the order of word-columns every read ROM code to calculate its sum **values**.

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06523481 **Image available**
STOCK ADJUSTMENT SYSTEM IN LIQUID STOREHOUSE

PUB. NO.: 2000-109200 [JP 2000109200 A]
PUBLISHED: April 18, 2000 (20000418)
INVENTOR(s): MAESHIBA SHINSUKE
APPLICANT(s): SHOWA KIKI KOGYO KK
APPL. NO.: 10-283705 [JP 98283705]
FILED: October 06, 1998 (19981006)
INTL CLASS: B67D-005/60

ABSTRACT

PROBLEM TO BE SOLVED: To eliminate the need for specifically designed pump-equipment and facilitate application to existing tanks.

SOLUTION: In a storehouse having tanks 1 and 2 storing the same kinds of liquids, liquid transfer pipes 9 and 10 are inserted in the existing pipings 3 and 4 of the tanks 1 and 2, respectively, and the transfer pipes 9 and 10 are connected together. The connecting part and the liquid transfer pipes 9 and 10 are filled with the liquid, and **stocks** in the tanks 9 and 10 are made even by the use of siphonage. In the system, by providing a manual valve in some midpoint in each of the transfer pipes, a liquid level can be set arbitrarily by siphonage caused by the opening/closing operation of the valve. Further, by providing an automatic valve, upon receiving a signal from a stock detection means for detecting the **stocks** in the tanks, the automatic valve is opened in the case where a difference that is equal to or larger than a fixed amount occurs in stock between the tanks, and the automatic valve is closed when the stock reach an arbitrary set **value**.

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06499108 **Image available**
DOUBLE-HEAD GRINDING MACHINE AND CONTROL METHOD THEREFOR

PUB. NO.: 2000-084823 [JP 2000084823 A]

PUBLISHED: March 28, 2000 (20000328)
INVENTOR(s): KATO TOMOYA
YONEZU HISAHIRO
APPLICANT(s): TOYODA MACH WORKS LTD
APPL. NO.: 10-261935 [JP 98261935]
FILED: September 16, 1998 (19980916)
INTL CLASS: B24B-019/12; B24B-017/10

ABSTRACT

PROBLEM TO BE SOLVED: To efficiently grind two ground places at the same time without lowering machining accuracy by setting the smaller one of override values corresponding to the phase angles of two ground places, as the composite override value to control the rotating speed of a spindle.

SOLUTION: A double-head grinding machine has a spindle 34 rotated while holding a workpiece W having a plurality of ground places, and wheel spindle **stocks** 31, 32 having rotating grinding wheels 311, 321 and independently controlled. This double-head grinding machine also has a control device 1 having a RAM 11 for storing profile value data 111 and override value data 112 on the respective ground places of the workpiece W, and numerically controlling the spindle 34 and the wheel spindle **stocks** 31, 32. The control device 1 sets the smaller one of the override values corresponding to the phase angles of the override value data 112 on two ground places, as the composite override value 113 and controls the rotating speed of the spindle 34 on the basis of the composite override **value** 113.

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06423340 **Image available**
CONSTANT SPEED TRAVELING CONTROL SYSTEM FOR VEHICLE

PUB. NO.: 2000-008902 [JP 2000008902 A]
PUBLISHED: January 11, 2000 (20000111)
INVENTOR(s): MARUYAMA SHUJI
APPLICANT(s): NISSAN MOTOR CO LTD
APPL. NO.: 10-170387 [JP 98170387]
FILED: June 17, 1998 (19980617)
INTL CLASS: F02D-029/02; B60K-031/00; B60K-041/00; B60L-015/20

ABSTRACT

PROBLEM TO BE SOLVED: To improve fuel consumption and reduce noise by maintaining an engine output at a constant value, and to improve following accuracy to a constant traveling speed, when a constant speed traveling is executed in a hybrid vehicle.

SOLUTION: A constant speed traveling control 9 controls an output of an engine 1 at a constant value. At the same time, in regard to the required driving force, it calculates the torque which a motor 6 **shares**, and drives a generator 4 and distributes the engine output into two systems which are the direct drive and the drive of the motor 6. If a traveling speed is slower than the constant traveling speed, the motor 6 which is being supplied with electric power through the generator 4, is also supplied with electric power from a battery 7, and thus the output torque of the motor 6 increases and the driving force is increased. If the traveling speed is faster than the constant traveling speed, the electric power supplied to the motor 6 from the engine 1 is cut down and the output torque of the motor 6 is decreased, and the cut down electric power is charged into the battery 7 from an inverter 5. The constant speed traveling is carried out by increasing and decreasing the output torque of motor 6, so the engine output is maintained at a constant **value**.

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06393673
PRODUCTION OF PARTIALLY ESTERIFIED POLYOL

PUB. NO.: 11-335322 [JP 11335322 A]
PUBLISHED: December 07, 1999 (19991207)
INVENTOR(s): TOMIFUJI TAKESHI
NODA KOZO
ABE YUTAKA
APPLICANT(s): KAO CORP
APPL. NO.: 10-143819 [JP 98143819]
FILED: May 26, 1998 (19980526)
INTL CLASS: C07C-067/303; C07C-069/30; C11C-003/12

ABSTRACT

PROBLEM TO BE SOLVED: To produce the subject partially esterified polyol that has a high congealing point, high ester selectivity and is useful as a food material and the like by catalytically hydrogenating a specific partially esterified polyol in the presence of a metallic catalyst in the platinum group at a low temperature.

SOLUTION: A partially esterified polyol bearing the residual groups of unsaturated fatty acids (preferably monoacyl-glycerol) is catalytically hydrogenated over a metal catalyst in the platinum group (preferably a palladium catalyst) at a temperature of $\leq 100^{\circ}\text{C}$. The hydrogenation is continued until the proportion of the unsaturated fatty acid bearing 3 C-C double bonds is lowered down to ≤ 1 wt.% and the iodine value of the partially esterified polyol is lowered down to $\leq 85\%$ of the original iodine value of the starting polyol.

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06317193 **Image available**
MATERIAL FOR FORMING COLORED IMAGE, PHOTSENSITIVE FLUID FOR FORMING COLORED IMAGE, PHOTSENSITIVE ELEMENT, PRODUCTION OF COLORED IMAGE AND PRODUCTION OF COLOR FILTER

PUB. NO.: 11-258791 [JP 11258791 A]
PUBLISHED: September 24, 1999 (19990924)
INVENTOR(s): KIMURA YOICHI
YAMAZAKI KOJI
OKAZAKI TETSUYA
YOKOCHI SEIGO
KATO SHINYA
NAGOYA TOMOHIRO
KOBAYASHI YUJI
SASAKI SHIYOUICHI
APPLICANT(s): HITACHI CHEM CO LTD
APPL. NO.: 10-135186 [JP 98135186]
FILED: May 18, 1998 (19980518)
PRIORITY: 09206193 [JP 979206193], JP (Japan), July 31, 1997 (19970731)
3866 [JP 983866], JP (Japan), January 12, 1998 (19980112)
INTL CLASS: G03F-007/029; C08F-002/48; G02B-005/20; G03F-007/004;
G03F-007/028

ABSTRACT

PROBLEM TO BE SOLVED: To obtain a material for forming a colored image having improved resolution and improved dispersibility of a pigment

dispersed in a photosensitive resin.

SOLUTION: The material for forming a colored image is a photosensitive fluid for forming a colored image contg. a resin, a pigment, a monomer contg. one or more photopolymerizable unsatd. **bonds** in its molecule and a photoinitiator. The photoinitiator is a trihalomethyl-s-triazine compd. represented by the formula (where Y1-Y3 are each H, hydroxyl, alkyl, alkoxy or aryl) and the resin has an acid **value** of 20-300.

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06244259 **Image available**
VALUABLE MATERIAL RECOVERING METHOD FROM USED LITHIUM BATTERY

PUB. NO.: 11-185833 [JP 11185833 A]
PUBLISHED: July 09, 1999 (19990709)
INVENTOR(s): SONODA FUTAYA
TAKAZAWA YOICHI
KAWAI SHIRO
APPLICANT(s): NIPPON MINING & METALS CO LTD
APPL. NO.: 09-356843 [JP 97356843]
FILED: December 25, 1997 (19971225)
INTL CLASS: H01M-010/54; B09B-005/00; C22B-007/00

ABSTRACT

PROBLEM TO BE SOLVED: To reduce consumption of heat energy, facilitate crushing, and enhance the recovery efficiency of valuable metals by roasting together with a iron case, crushing, and conducting primary and secondary magnetic separation to separate magnetic materials from non-magnetic materials.

SOLUTION: A raw material 1 is put into a roasting furnace 3 and roasted, the roasted material is crushed in the dimensions suitable for magnetic separation, by a crusher 2 and magnetic materials are separated from non-magnetic materials with a primary magnetic separation machine 7 comprising two conveyers and an electromagnet. The separated non-magnetic materials are sent to a secondary magnetic separation machine 12 to conduct a second magnetic separation. By conducting roasting before the raw material is crushed for magnetic separation, the amount of treating for magnetic separation is reduced, the components are decomposed by thermal expansion to reduce the load on a crusher 5, and by conducting magnetic separation twice, the recovery percentage of magnetic materials, especially cobalt is enhanced. Running cost and plant and equipment **investment** cost are reduced and the **value** of recovered materials is enhanced.

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06222922 **Image available**
SYSTEM INTERCONNECTING TYPE PHOTOVOLTAIC POWER GENERATION SYSTEM

PUB. NO.: 11-164484 [JP 11164484 A]
PUBLISHED: June 18, 1999 (19990618)
INVENTOR(s): HIRANO TAKESHI
APPLICANT(s): DAIHEN CORP
APPL. NO.: 09-343941 [JP 97343941]
FILED: November 28, 1997 (19971128)
INTL CLASS: H02J-003/38; H01L-031/04

ABSTRACT

PROBLEM TO BE SOLVED: To provide an improved photovoltaic power generation system, which supplies electric power to load by interconnecting a power conversion device for converting a DC power into a AC power with a distributing system.

SOLUTION: This system interconnecting type photovoltaic power generation system, which is provided with a solar battery 1, an inverter circuit 10 for converting the output of the solar battery 1 into AC power, a filter circuit for converting the AC output of the inverter circuit 10 into sine wave-shaped AC power, an output transformer 14 for supplying the sine wave-shaped AC power to a distributing a system, an inverter control circuit 17 for controlling the inverter circuit 10, and a switch 20 for separating the output transformer 14 from the distribution system 21, involves a tertiary winding 14C which **shares** an iron core with the output transformer 14, switching elements 2 to 5 which short-circuits the output of the tertiary winding 14C, an output voltage detector for the output transformer 14, and a protective circuit 25 which short-circuits the tertiary winding 14C by making the operation of the inverter control circuit 17 stop, and communicating the switching elements 2 to 5, when the output of the output voltage detector 18 exceeds a reference **value**.

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06198799

MATTE ELECTRODEPOSITION COATING COMPOSITION

PUB. NO.: 11-140354 [JP 11140354 A]
PUBLISHED: May 25, 1999 (19990525)
INVENTOR(s): MITSUSAKA YUSUKE
OSHIMA KEISUKE
APPLICANT(s): TORAY IND INC
APPL. NO.: 09-305901 [JP 97305901]
FILED: November 07, 1997 (19971107)
INTL CLASS: C09D-005/44; C09D-005/00

ABSTRACT

PROBLEM TO BE SOLVED: To obtain an electrodeposition coating composition excellent in stability as a coating material, gloss stability and finish by mixing water-soluble or dispersible acrylic resin having acetoacetoxy groups with a compound having at least two double **bonds** and an amino resin.

SOLUTION: It is desirable that 40-90 wt.% (in terms of the solid matter) water-soluble or-dispersible acrylic resin having acetoacetoxy groups with 0.2-20 wt.% (in terms of the solid matter) compound having at least two double **bonds** and 10-60 wt.% (in terms of the solid matter) amino resin. It is more desirable that the amino resin is an alkyl-etherified methylolmelamine resin in which part or all of the alkyl ether groups are 2-6C alkyl ether groups. The water-soluble or-dispersible acrylic resin having acetoacetoxy groups is desirably one having an acid value of 20-150 mgKOH/g and a hydroxyl **value** of 30-150 mgKOH/g.

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06144533 **Image available**

DEVICE AND METHOD FOR DISCRIMINATING SECURITIES

PUB. NO.: 11-086073 [JP 11086073 A]
PUBLISHED: March 30, 1999 (19990330)
INVENTOR(s): IWAKI KUNIHIDE
APPLICANT(s): YOKOHAMA DENSHI KOGYO KK
APPL. NO.: 09-245683 [JP 97245683]
FILED: September 10, 1997 (19970910)
INTL CLASS: G07D-007/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a device, which is simple in constitution and easily adjustable and can reliably discriminate whether or not **securities** represented in colors is genuine irrelevantly to operation environment.

SOLUTION: A photoelectric converter 15 is so adjusted as to have the same sensitivity with light sources A11 and B12 emitting different-wavelength lights in the absence of an object to be discriminated and in this state, the sensitivity difference of a detection signal of light transmitted through the discriminating object is detected as the output of a high-pass filter 22. A sampling circuit 24 samples a signal, which is proportional to the difference in sensitivity of a detected value from the light source A11 from the sensitivity of the light source B12 based upon the sensitivity difference and discriminates whether or not the security is genuine according to the sampled **value**.

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06074525 **Image available**
AUTOMATIC MERCHANDISE VENDING AND MANAGEMENT SYSTEM

PUB. NO.: 11-016036 [JP 11016036 A]
PUBLISHED: January 22, 1999 (19990122)
INVENTOR(s): SONE YUJI
NAKAMURA TEI
APPLICANT(s): SANDEN CORP
APPL. NO.: 09-166931 [JP 97166931]
FILED: June 24, 1997 (19970624)
INTL CLASS: G07F-009/02; G07F-009/00; G07F-009/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide an automatic merchandise vending and management system capable of appropriately managing the inventory of prescribed kinds of merchandises by providing the absolute minimum number of merchandise detecting means.

SOLUTION: The merchandise detecting sensor of a merchandise delivering device 4 with a merchandise detecting sensor detects merchandise delivery to each housing chamber column of a merchandise housing 5 by each delivering operation. Then, a central processing unit(CPU) 2 judges the coincidence of a first counted value added by each delivering operation to each housing chamber column of the merchandise housing 5 by the merchandise delivering device 4 with the merchandise detecting sensor at the time of the merchandise sales delivering processing to a second counted value added at the time of the input of a merchandise delivery detection signal from the merchandise detecting sensor, and automatically corrects the number of **stocks** indicated by the stock information of an inventory memory 3 in which stock information related with each of plural kinds of merchandise is stored for each housing chamber column of the merchandise housing 5 when those counted **values** are not made coincident.

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DIALOG(R)File 350:Derwent WPIX
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014459274 **Image available**
WPI Acc No: 2002-279977/200232
XRPX Acc No: N02-218633

Patent information management method involves linking patent
bibliographic data acquired from patent database by access number or
patent number to form grouped records and displaying them in graphical
format

Patent Assignee: LINDH U (LIND-I)

Inventor: LINDH U

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020022974	A1	20020221	US 2000197711	P	20000414	200232 B
			US 2001834909	A	20010416	

Priority Applications (No Type Date): US 2000197711 P 20000414; US
2001834909 A 20010416

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020022974 A1 16 G06F-017/60 Provisional application US 2000197711

Abstract (Basic): US 20020022974 A1

NOVELTY - Bibliographic data of patents acquired from an external
patent database are grouped into several categories and stored in an
internal database. The acquired data is linked together by an access
number and/or a patent number, to form a record. The records are
retrieved from the selected categories and displayed in a graphical
format.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:

(a) Patent data acquiring/displaying system;

(b) Computer readable medium storing program for managing patent
data

USE - For determining the value of a patent or possible future
patent with respect to patents of similar technology.

ADVANTAGE - Provides a detailed view of all patent information that
the user selects to view, hence aids the user in determining the
strength and validity of the patent or patent portfolio. Allows the
user to compare expired patents with the rest of the patent information
in the patent portfolio so as to find technology which is no longer
supported and evaluate the effects they have in the citation
statistics.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart
illustrating the preparation before acquiring the patent data.

pp; 16 DwgNo 3/7

Title Terms: PATENT; INFORMATION; MANAGEMENT; METHOD; LINK; PATENT; DATA;
ACQUIRE; PATENT; DATABASE; ACCESS; NUMBER; PATENT; NUMBER; FORM; GROUP;
RECORD; DISPLAY; GRAPHICAL; FORMAT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-017/30

File Segment: EPI

10/5/41 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014012545 **Image available**
WPI Acc No: 2001-496759/200154
XRPX Acc No: N01-368103

Repeated securitization of intellectual properties in real estate
business, involves obtaining payment from initial owner as license to use
the property and allocating payment from owner to general trust account
Patent Assignee: TEQ DEV (TEQT-N); ELLIOTT D R (ELLI-I)

Inventor: ELLIOTT D R

Number of Countries: 087 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200152097	A2	20010719	WO 2001US975	A	20010111	200154 B
AU 200127854	A	20010724	AU 200127854	A	20010111	200166
US 20010042034	A1	20011115	US 2000175572	A	20000111	200172
			US 2001758624	A	20010111	

Priority Applications (No Type Date): US 2000481126 A 20000111; US 2000175572 P 20000111; US 2001758624 A 20010111

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200152097 A2 E 69 G06F-017/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200127854 A G06F-017/00 Based on patent WO 200152097

US 20010042034 A1 G06F-017/60 Provisional application US 2000175572

Abstract (Basic): WO 200152097 A2

NOVELTY - An amount from general trust account is paid to identified initial owner of intellectual property, due to transfer of intellectual property to subsequent owner. Payments from initial owner are obtained as license to use intellectual property and allocated to general trust account.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Data processing system;

(b) Financial transaction management method

USE - For repeated securitization of intellectual properties in real estate business.

ADVANTAGE - Since tax treatment of sale and predictable future payment are provided, ready valuation of current value of security at any time is permitted. Permits collection of **investments** from multiple investors, by continuously evaluating real time **value** of underlying **intellectual property** assets.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the intellectual property securitizing processes involved. pp; 69 DwgNo 1/4

Title Terms: REPEAT; INTELLIGENCE; PROPERTIES; REAL; ESTATE; BUSINESS;

OBTAIN; PAY; INITIAL; OWNER; LICENCE; PROPERTIES; ALLOCATE; PAY; OWNER;

GENERAL; ACCOUNT

Derwent Class: T01

International Patent Class (Main): G06F-017/00; G06F-017/60

File Segment: EPI

10/5/42 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013972466 **Image available**

WPI Acc No: 2001-456679/200149

Related WPI Acc No: 2000-071544; 2001-201633

XRPX Acc No: N01-338429

Intellectual property portfolio audit system used to estimate the current value by comparing the known portfolio content with other empirical data on known current portfolio value information

Patent Assignee: DONNER I H (DONN-I)

Inventor: DONNER I H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6263314	B1	20010717	US 93161816	A	19931206	200149 B

US 97811302 A 19970304
US 2000518681 A 20000303

Priority Applications (No Type Date): US 97811302 A 19970304; US 93161816 A 19931206; US 2000518681 A 20000303

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6263314	B1		18	G06F-017/28	CIP of application US 93161816 Cont of application US 97811302 CIP of patent US 5999907 Cont of patent US 6154725

Abstract (Basic): US 6263314 B1

NOVELTY - An intellectual property (IP) **portfolio** audit estimation method consists of a computer implemented system that includes data input (2) with access (4) to a first data base (5) storing data relating to the IP **portfolio** . A second database is included containing empirical data (12) relating to known IP **portfolios** . The data from both databases are collected and compared (10) producing a comparison and **IP worth** indicator.

USE - Used to produce an intellectual property **portfolio** audit and valuation based on the audit and compared to collected data on other **portfolios** .

ADVANTAGE - The presented method allows the IP **portfolio** owner to compare and **value** the IP and gain some **worth** indicator without having first marketed the **portfolio** . The method also allows correction of erroneous information instantly

DESCRIPTION OF DRAWING(S) - The drawing shows the process involved in the personal profile data access and comparison with other known **portfolio** data

Data Input (2)
Database access and collection device (4)
Various Information databases (5)
Indicator collection and comparison device (10)
Empirical data collection from other patent **portfolios** (12)
pp; 18 DwgNo 1/9

Title Terms: INTELLIGENCE; PROPERTIES; **PORTFOLIO** ; AUDIT; SYSTEM; ESTIMATE ; CURRENT; VALUE; COMPARE; **PORTFOLIO** ; CONTENT; EMPIRICAL; DATA; CURRENT ; **PORTFOLIO** ; VALUE; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/28

File Segment: EPI

10/5/43 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013851064 **Image available**

WPI Acc No: 2001-335277/200135

XRPX Acc No: N01-242020

Patent valuing method involves determining value of covered function of patent based upon equation defining value of covered function as a function of macro economic data

Patent Assignee: STOCKPRICEPREDICTOR.COM LLC (STOC-N)

Inventor: GOFFMAN M; NEIFELD R

Number of Countries: 092 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200075851	A1	20001214	WO 2000US6691	A	20000504	200135 B
AU 200047964	A	20001228	AU 200047964	A	20000504	200135

Priority Applications (No Type Date): US 2000190085 P 20000320; US 99137495 P 19990604; US 99142961 P 19990712

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200075851	A1	E	83	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH

CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
AU 200047964 A G06F-017/60 Based on patent WO 200075851

Abstract (Basic): WO 200075851 A1

NOVELTY - The **patent** valuing method involves determining **value** of covered fraction (CF) of a patent, based on a equation defining the **value** of covered fraction of a **patent** as a function of variably including macro economic data (MED). Based on the determined value, an indication is displayed for the patent.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Computer system for valuing patent;
- (b) Database

USE - For valuing patents.

ADVANTAGE - Provides fast and efficient technique for calculating **value** of **patents**. Estimates the economic **value** of ownership of the exclusive rights to a patent, for ownership over a specified period of time. Increases efficiency of **capital** allocation by improving **investment** decision.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of the computer system for valuing patents.

pp; 83 DwgNo 1/6

Title Terms: PATENT; METHOD; DETERMINE; VALUE; COVER; FUNCTION; PATENT;
BASED; EQUATE; DEFINE; VALUE; COVER; FUNCTION; FUNCTION; MACRO; ECONOMY;
DATA

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/44 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013717409 **Image available**

WPI Acc No: 2001-201633/200120

Related WPI Acc No: 2000-071544; 2001-456679

XRPX Acc No: N01-143734

Computer program has instructions for producing an estimated value of intellectual property portfolio , when portfolio information is similar to empirical information of known intellectual property portfolios

Patent Assignee: DONNER I H (DONN-I)

Inventor: DONNER I H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6154725	A	20001128	US 93161816	A	19931206	200120 B
			US 97811302	A	19970304	

Priority Applications (No Type Date): US 97811302 A 19970304; US 93161816 A 19931206

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6154725	A	16	G06F-017/60	CIP of application US 93161816

Abstract (Basic): US 6154725 A

NOVELTY - Information on intellectual property (IP) **portfolio** is derived by analyzing IP **portfolio**. Empirical information (12) of known IP **portfolios** is retrieved from a database. IP **portfolio** information is compared with empirical information to produce an estimated **value** of IP **portfolio**, when derived information of an IP **portfolio** is similar to empirical information of known **portfolios**

USE - For automatic determination of machine implemented estimation value of intellectual property portfolio .

ADVANTAGE - Provides an independent analysis of IP portfolio including independent qualitative or quantitative worth indicator of the acquired IP portfolio . Provides an IP audit system that does not depend on the owner of the portfolio and used to determine the qualitative or quantitative value of the IP portfolio in an efficient and rapid manner. Analyzes IP in a mechanized manner as well as considering external factors relating to characteristics of purchasing and selling entities. Permits the user to manually correct or complete data to permit the audit system to determine quantitative and qualitative IP portfolio value .

DESCRIPTION OF DRAWING(S) - The figure is a detailed block diagram of the structure of the IP audit system.

Empirical information (12)

pp; 16 DwgNo 1/9

Title Terms: COMPUTER; PROGRAM; INSTRUCTION; PRODUCE; ESTIMATE; VALUE; INTELLIGENCE; PROPERTIES; PORTFOLIO ; PORTFOLIO ; INFORMATION; SIMILAR; EMPIRICAL; INFORMATION; INTELLIGENCE; PROPERTIES; PORTFOLIO

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/45 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012899709 **Image available**

WPI Acc No: 2000-071544/200006

XRPX Acc No: N00-055956

Computer implemented intellectual property audit system

Patent Assignee: DONNER I H (DONN-I)

Inventor: DONNER I H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5999907	A	19991207	US 93161816	A	19931206	200006 B

Priority Applications (No Type Date): US 93161816 A 19931206

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5999907	A	9	G06F-153/00	

Abstract (Basic): US 5999907 A

NOVELTY - A comparator (10) compares two objectively determinable characteristics for determining estimated value of intellectual property portfolio responsive to one of objectively determinable values of specific representative intellectual property portfolios . These portfolios have objectively determinable characteristics, which are statistically similar to that of intellectual property portfolio .

DETAILED DESCRIPTION - Objectively determinable characteristics of the intellectual property portfolio to be estimated, are stored in a database. This database comprises at least one of patent, trade mark, copy write, legal reporter, current events and intellectual property status databases. A database access and collection device (4) accesses the database for retrieving the stored characteristic information. The objectively determinable characteristics of representative intellectual property portfolios and the objectively determinable values corresponding to each of the representative intellectual property portfolios , are stored in another database. Based on the content of this database, accessing of estimated value of intellectual property portfolio is enabled. An INDEPENDENT CLAIM is also included for computer based intellectual property audit method.

USE - For automatic determination of estimated value of intellectual property portfolio .

ADVANTAGE - Enables determining the qualitative and/or quantitative

value of the intellectual property portfolio in an efficient and relatively rapid manner. Provides the qualitative and/or quantitative value by analyzing the intellectual property in mechanized manner and external factors related to characteristics of the purchasing and selling entities. Enables outputting request for manual assistance to correct erroneously entered data, incomplete or insufficient data.

DESCRIPTION OF DRAWING(S) - The figure shows the detailed block diagram of structure of intellectual property audit system.

Database access and collection device (4)

Comparator (10)

pp; 9 DwgNo 1/2

Title Terms: COMPUTER; IMPLEMENT; INTELLIGENCE; PROPERTIES; AUDIT; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-153/00

File Segment: EPI

15/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07240876 **Image available**
NON-GENERAL PUBLIC MERCHANDISE PUBLICLY SELLING SYSTEM USING THE INTERNET

PUB. NO.: 2002-109327 [JP 2002109327 A]
PUBLISHED: April 12, 2002 (20020412)
INVENTOR(s): ISHII TADASHI
APPLICANT(s): ISHII TADASHI
APPL. NO.: 2000-300183 [JP 2000300183]
FILED: September 29, 2000 (20000929)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a reservation publicly selling system over the Internet in regard to an expensive special order item.

SOLUTION: This publicly selling system for inviting a buyer of non-general public merchandise, such as the special order item by providing a reservation period, has a publicly selling **database** for storing merchandise specifications, the number of applicants, the information of the applying situations of merchandise and customers, etc., a merchandise advertising means for opening a homepage for product reservation invitation and opening the homepage to the public, on the basis of the information stored in the **database**, an application accepting means for accepting application access from an unspecified majority of customers, requesting a settlement agent to perform credit inquiry of a customer, attaching a accepting number to the customer and transmitting both acceptance notification and reservation confirmation by e-mail, a reservation decision processing means for deciding a reservation from the customer and giving a customer number, updating price as the result of a **price** determination **calculation**, due to the update of the number of applicants and the increase in the number of applicants and performing reservation acceptance notification to a registered customer, and a period end processing means for performing settlement processing by the settlement agent, on the basis of a list of registered customers, when a reservation period is over and performs product sending procedures for the customer.

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15/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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07231333 **Image available**
DEVICE FOR ESTIMATING DOCUMENT GENERATING EXPENDITURE, IDEA APPLYING DEVICE USING THE SAME AND THEIR METHODS

PUB. NO.: 2002-099781 [JP 2002099781 A]
PUBLISHED: April 05, 2002 (20020405)
INVENTOR(s): IWASE SUMIO
NAKAZAWA HIROSHI
FUKAHORI KENICHI
APPLICANT(s): SONY CORP
APPL. NO.: 2000-288807 [JP 2000288807]
FILED: September 22, 2000 (20000922)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a document generating expenditure estimating device for automatically estimating document generating expenditure.

SOLUTION: Information concerning a prescribed document element and document element generating expenditure data corresponding to it are stored in a

database DB2. An estimating part 13 inputs at least one piece of information concerning the document element required for generating a document to be estimated and document element generating expenditure data corresponding to the inputted information concerning the document element is retrieved from the **database** DB. Then expenditure for generating the document to be estimated is calculated based on the retrieved document element generating expenditure data. For example, the expenditure for generating the document to be estimated is **calculated** based on the **total value** of document element generating expenditure data retrieved from the **database** DB2.

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15/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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07223955 **Image available**
COST ESTIMATION METHOD AND COST ESTIMATION DEVICE

PUB. NO.: 2002-092395 [JP 2002092395 A]
PUBLISHED: March 29, 2002 (20020329)
INVENTOR(s): HAGIO TEISEI
KITATANI YOSHIHIKO
UJIIE TAKESHIRO
APPLICANT(s): DENSO CORP
APPL. NO.: 2000-285733 [JP 2000285733]
FILED: September 20, 2000 (20000920)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a global cost estimation method and a global cost estimation device capable of executing cost prediction in the base of each region in the world, relative to all object articles involved in production of products, parts, dies or the like.

SOLUTION: An actual price **database** comprising actual price information of an article having a floating result and a cost table for virtual estimation comprising cost estimation factors for **calculating** a virtual **price** of an article having no floating result are prepared in each region which is an object for cost estimation. An estimation object article for executing the cost estimation and an estimation object region for executing the cost estimation are specified. If the estimation object article has the floating result, the actual price of the estimation object article is acquired from the actual price **database**, and if the estimation object article has no floating result, the virtual price of the estimation object article is calculated and acquired by using the cost table for the virtual estimation.

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15/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
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07214736 **Image available**
ELECTRONIC COMMERCE SYSTEM, METHOD OF **CALCULATING** COMMODITY PRICE ,
COMMODITY INTERMEDIATION SERVER, RECORDING MEDIUM RECORDED WITH COMMODITY
INTERMEDIATION PROGRAM

PUB. NO.: 2002-083174 [JP 2002083174 A]
PUBLISHED: March 22, 2002 (20020322)
INVENTOR(s): FUJII KENSAKU
SHIMAMURA JUN
ICHIKAWA KENICHI
ARIKAWA TOMOHIKO
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)

APPL. NO.: 2000-270217 [JP 2000270217]
FILED: September 06, 2000 (20000906)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To realize dealings at a commodity price near to desire of a user.

SOLUTION: A sale dealing part 12 receives purchase proposal information transmitted from a purchaser client 4, analyzes it, and stores it in a purchase proposal control **database** 17. An inquiry processing part 13 extracts the information as to a desired purchase commodity out of the information stored in the **database** 17, inquires purchase sale of the article to plural distributor clients 2, extracts information as to a supplementary service contract out of the information stored in the **database** 17, and inquires a service providing price and a discount price about the contract to plural service providing clients 3. An estimation processing part 14 retrieves combination of the commodity and the supplementary service nearest to a purchase condition of a purchaser based on information inquired by the processing part 13, information therein is stored in an estimation control **database** 18, and an estimated content is exhibited to the purchaser client 4.

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15/5/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
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07214717 **Image available**
ACCESSORY ORDERING INFORMATION PROCESSOR AND ACCESSORY ORDERING METHOD

PUB. NO.: 2002-083154 [JP 2002083154 A]
PUBLISHED: March 22, 2002 (20020322)
INVENTOR(s): NAKAMURA TOMOSUKE
NAKAMURA TAMIYO
APPLICANT(s): ATELIER PANDORA CO LTD
APPL. NO.: 2000-274387 [JP 2000274387]
FILED: September 11, 2000 (20000911)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide an accessory ordering information processor and an accessory ordering method using a communication network for taking order for an accessory.

SOLUTION: This accessory ordering information processor receiving an order for an accessory is provided with a design information **database**, a material information **database**, a design displaying means, a selected design receiving means, a material displaying means, a selected material receiving means, an estimation displaying means, and an order accepting means. On demand from a terminal, design information is provided by the design displaying means on the basis of the design information **database**, and material information is provided by the material displaying means on the basis of the material information **database**. On the basis of the design and the material received by the selected design receiving means and the selected material receiving means, an estimated **price** is **calculated** by the estimation displaying means so as to be displayed in the terminal, and then, an ordering signal is received from the terminal by the order accepting means.

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15/5/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
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07205598 **Image available**

SELLING METHOD FOR COMPETITIVE SPORT RELATED RIGHTS, SELLING SYSTEM FOR
COMPETITIVE SPORT RELATED RIGHTS, ITS SERVER SYSTEM AND TERMINAL

PUB. NO.: 2002-074030 [JP 2002074030 A]
PUBLISHED: March 12, 2002 (20020312)
INVENTOR(s): GOINO TADASHI
APPLICANT(s): GOINO TADASHI
APPL. NO.: 2000-267406 [JP 2000267406]
FILED: September 04, 2000 (20000904)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a competitive sport related right selling method which is conducted over a network in which an athlete can easily obtain a sponsor even if he does not so become famous, and the sponsor can advertise through the competitive sport without spending so much.

SOLUTION: Sumo sport is held in a theme park, the situation of the sumo sport is widely televised on a terminal 30 via the Internet N by a server 21. Data on the rights (advertising right, **copyright**) generating attendant on an athlete (a sumo wrestler) 4, data on an athlete 5, and data **calculating** right **price** are stored in a **database** 23. The sever 21 **calculates** rights-selling **price** by using elements becoming an **index** for advertising effect such as rankings, winning record, popularity, actual power, and talent and the like as parameters, and invites a right purchaser in a terminal 30 of a third party through the Internet N. Information forming a yardstick of the advertising effect of the athlete 5 is displayed on the screen of the terminal 30. Advertising rights attaching advertising display 8 to underpants 5 or a flag 6 and the like of the athlete 5 is contained in the selling rights.

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15/5/7 (Item 7 from file: 347)

DIALOG(R)File 347:JAPIO

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07195014 **Image available**

ELECTRONIC COMMERCIAL TRANSACTION SYSTEM AND ELECTRONIC COMMERCIAL
TRANSACTION METHOD

PUB. NO.: 2002-063419 [JP 2002063419 A]
PUBLISHED: February 28, 2002 (20020228)
INVENTOR(s): MURAI SEIJI
APPLICANT(s): MEGAFUSION CORP
APPL. NO.: 2000-252758 [JP 2000252758]
FILED: August 23, 2000 (20000823)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide an electronic commercial transaction system and an electronic commercial transaction method capable of flexibly coping with the fluctuation of the price and market price of merchandise and improving the efficiency of inventory management.

SOLUTION: This electronic commercial transaction system 1 is connected through a wide area network NW1 to terminal equipment T1. The electronic commercial transaction system 1 is provided with a communication control means 2 provided with a function for transmitting and receiving data through the wide band network NW1 with the terminal equipment T1, a merchandise selection information **data base** 3 storing merchandise selection information such as a merchandise list to be provided for a user, a fluctuation unit price **data base** 5 where the fluctuation unit price of the merchandise is recorded, a fluctuation unit price rule base execution means 4 for cooperating with the fluctuation unit price **data**

base 5 and calculating the estimation price of the merchandise, an inventory data base 7 where the inventory condition of the merchandise is recorded, an inventory management means 6 for managing the inventory condition and an order reception processing means 8 for executing the order reception processing of the merchandise ordered by the user.

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DIALOG(R)File 347:JAPIO
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07194853 **Image available**
REAL ESTATE EVALUATION SYSTEM AND RECORDING MEDIUM

PUB. NO.: 2002-063256 [JP 2002063256 A]
PUBLISHED: February 28, 2002 (20020228)
INVENTOR(s): YAMAMOTO MAKOTO
NOGUCHI HIROAKI
SATO NAOHIDE
AKAZAWA KAZUE
APPLICANT(s): REAL ESTATE PLANNING & APPRAISAL INC
KOTOBUKI SEIHAN PRINTING CO LTD
IXI CO LTD
APPL. NO.: 2000-248167 [JP 2000248167]
FILED: August 18, 2000 (20000818)
INTL CLASS: G06F-017/60 ; G06F-017/30; G09B-029/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a real estate evaluation system capable of promptly and exactly evaluating real estate values based on marketing land prices.

SOLUTION: The real estate evaluation system is provided with a map data base DB1 to store map data regarding roads of prescribed areas (areas with similar situations) and marketing land price data base DB2 to store road location data of the areas with similar situations and marketing land price data of the roads of the areas with similar situations. When the roads are inputted from an input means 1, the data bases DB1, DB2 are retrieved by the inputted roads by a retrieving means 4, marketing land price data is calculated based on the marketing land price data by an operation means 5 and an output processing of the estimated marketing land price data with the map data is performed by a processing means 6. In this system, the whole marketing land price data of the prescribed area may be updated based on the variance rate of the data.

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15/5/9 (Item 9 from file: 347)
DIALOG(R)File 347:JAPIO
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07187786 **Image available**
DERIVATIVE ARTICLE SALE MANAGING METHOD

PUB. NO.: 2002-056185 [JP 2002056185 A]
PUBLISHED: February 20, 2002 (20020220)
INVENTOR(s): MATSUBARA MASANORI
KAITA TAKESHI
KAISE KUNITAKE
MIYAKE YUJI
FUKUI YASUO
HAMAMOTO TAKEYUKI
AIZAWA MASAMITSU
KINOSHITA HIROSHI
EDANE HIROYA
APPLICANT(s): DAI-ICHI KANGYO BANK LTD

APPL. NO.: 2000-240927 [JP 2000240927]
FILED: August 09, 2000 (20000809)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To cope with an increase in office work burden due to an abrupt increase of derivative transactions.

SOLUTION: A derivative operation system is provided which enables an orderer to determine a price and implement a contract and interposes pricing by a trader according to need by allowing the orderer and trader to share an application and a **database**. The environment wherein the trader always updates market data needed for pricing and the orderer can directly operate the application for the trader by sending transaction conditions from a browser picture is provided to provide an automatic pricing system which can confirm a **price calculated** from market data at the point of time of the transmission according to the transmitted transaction conditions, correct transaction conditions as needed, and resend the corrected conditions, and the pricing by the trader is interposed when necessary. Processing for making a contract by the system is started in response to a contract confirmation signal that the orderer sends after confirming the price.

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15/5/10 (Item 10 from file: 347)
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07156213 **Image available**
ON-LINE CONTENTS PRICE FORMING SYSTEM

PUB. NO.: 2002-024594 [JP 2002024594 A]
PUBLISHED: January 25, 2002 (20020125)
INVENTOR(s): ISHIKAWA SHINICHIRO
APPLICANT(s): CREATERS.COM KK
GONZO DIGIMATION HOLDING KK
APPL. NO.: 2000-245283 [JP 2000245283]
FILED: July 07, 2000 (20000707)
INTL CLASS: G06F-017/60 ; G06F-013/00

ABSTRACT

PROBLEM TO BE SOLVED: To allow a contents manufacturer to easily and automatically register his or her manufactured contents on-line in a server system at the time of publishing his or her manufactured contents on-line so that the contents can be read, and proper price corresponding to the contents can be calculated.

SOLUTION: This system is provided with a contents transmitting means for transmitting manufactured contents through a network, a contents storing means for storing contents, a contents display means for displaying the contents, an evaluation information **data base** for storing the evaluation information of the contents, and a **price calculating** means for **calculating** the **price** of the contents. In this case, the evaluation information obtained from a contents reader is included in the information stored in the evaluation information **data base**. This method for **calculating** the **price** corresponding to the evaluation comprises a step for publishing the contents on-line, and for collecting the evaluation information, a step for advertising for funds for the contents, and a step for paying for the contents to the manufacturer.

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DIALOG(R)File 347:JAPIO
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07155976 **Image available**

REAL ESTATE APPRAISEMENT ASSISTING SYSTEM, STORAGE MEDIUM WITH COMPUTER
SOFTWARE PROGRAM FOR PERMITTING COMPUTER TO ASSIST APPRAISEMENT OF REAL
ESTATE STORED THEREIN, AND REAL ESTATE APPRAISEMENT ASSISTING METHOD

PUB. NO.: 2002-024357 [JP 2002024357 A]
PUBLISHED: January 25, 2002 (20020125)
INVENTOR(s): SHINODA YOSHIHIRO
 SAKAMI KENJI
APPLICANT(s): ASAHI KOYO KK
 SANYU SYSTEM APPRAISAL KK
APPL. NO.: 2000-205937 [JP 2000205937]
FILED: July 06, 2000 (20000706)
INTL CLASS: G06F-017/60 ; G06F-017/30; G09B-029/00; G09B-029/10

ABSTRACT

PROBLEM TO BE SOLVED: To provide a real estate appraisal assisting
system capable of providing highly reliable appraisal service.

SOLUTION: The system is provided with a map **data base** storage part 19
storing a map **data base** where land price information on plural places
and city planning information are associated with a position coordinate on
a map, a use area acquiring part 26 acquiring the use area of a place to be
appraised from city planning information based on the designation of the
place to be appraised on the map, a land price information extracting part
29 extracting land price information which can be compared with the place
to be appraised based on the use area obtained in the use area acquiring
part and a standard land **price calculating** part 31 **calculating** the
standard land **price** of the place to be appraised based on land price
information extracted by the land price information extracting part 29.

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07110521 **Image available**

ORDER RECEPTION SYSTEM FOR DIRECT MAIL

PUB. NO.: 2001-338188 [JP 2001338188 A]
PUBLISHED: December 07, 2001 (20011207)
INVENTOR(s): YASUMI YOSHIO
APPLICANT(s): NIPPON OKUTO SYSTEM KK
APPL. NO.: 2000-159912 [JP 2000159912]
FILED: May 30, 2000 (20000530)
INTL CLASS: G06F-017/60 ; G06F-003/12

ABSTRACT

PROBLEM TO BE SOLVED: To provide an order reception system for a direct
mail which economically corresponds even in the case of a small number of
direct mail orders by economizing expense and time.

SOLUTION: The computer of an order receiver side and the computer of an
orderer side are connected through a network, a server displays a plurality
of formats for mail on a homepage from the **database** of the order receiver
side, when the orderer selects one among the formats, a plurality of
printing forms are displayed, an estimate **price** is **calculated** and
displayed by selecting one among the printing forms and inputting the
number of copies, original data prepared by the orderer side and the
address book data of sending addresses are transmitted in addition to the
approval of those data and then, the order receiver side performs printing
on the basis of the data and transmits a mail for the orderer.

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DIALOG(R)File 347:JAPIO
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07097685 **Image available**
SUPPORT SYSTEM FOR USED-HOUSE RELATIVE BUSINESS

PUB. NO.: 2001-325341 [JP 2001325341 A]
PUBLISHED: November 22, 2001 (20011122)
INVENTOR(s): HAYASHI AKIMASA
APPLICANT(s): MATSUSHITA ELECTRIC WORKS LTD
APPL. NO.: 2000-144012 [JP 2000144012]
FILED: May 16, 2000 (20000516)
INTL CLASS: G06F-017/60 ; G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To enable a user to freely use technical know-how regarding the evaluation of a used house useful in selling and reforming the used house and **calculating** its **price** and to totally support used-house relative business by making good use of the information gathered at this time.

SOLUTION: The used-house relative business support system having a house evaluation system 10 which inputs information regarding a house and evaluates the house, a house information **database** 11 which stores information regarding the house inputted to the house evaluation system 10, a personal information **database** 12 which stores information regarding the owners of houses and persons desiring to buy houses, a means which selects the purpose of use of the house evaluation system, and a trader information **database** 13 which stores information on traders to be introduced to users according to selected purposes is provided on a server 1 of the Internet 2 and made usable from arbitrary terminals.

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DIALOG(R)File 347:JAPIO
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07079322 **Image available**
PRICE COLLECTION VICARIOUS SYSTEM

PUB. NO.: 2001-306969 [JP 2001306969 A]
PUBLISHED: November 02, 2001 (20011102)
INVENTOR(s): ARAI KAZUHIRO
SATO NAKO
TOKUNO SATOSHI
APPLICANT(s): NTT COMMUNICATIONS KK
APPL. NO.: 2000-116873 [JP 2000116873]
FILED: April 18, 2000 (20000418)
INTL CLASS: G06F-017/60 ; G07G-001/14

ABSTRACT

PROBLEM TO BE SOLVED: To smoothly collect the price of merchandise ordered and purchased by a user, and to keep the secrecy of the user information at the time of purchasing the merchandise.

SOLUTION: When an access is performed from a telephone terminal 1 of a user A, a merchandise order flow processing part 12 transmits a voice guidance to the terminal 1 according to a merchandise order flow, and at the time of detecting the merchandise ordering operation of the terminal 1 by a user who listens to the guidance, accepts the order of the merchandise. A **price calculating** part 14 retrieves the accepted merchandise from a merchandise **data base** 15, and prepares purchase details, and a price summing-up server 16 sums up the merchandise purchase details in a fixed period, and a telephone fee charging server 17 adds the merchandise

purchase sum of the summed-up purchase details and a communication fee through the speech of the terminal 1 of the user, and charges the user.

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DIALOG(R)File 347:JAPIO
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07055254 **Image available**
SYSYTEM OF SERVICE SUPPORT FOR ENERGY SAVING AND METHOD OF SERVICE PRICE
CALCULATION FOR THE SAME

PUB. NO.: 2001-282889 [JP 2001282889 A]
PUBLISHED: October 12, 2001 (20011012)
INVENTOR(s): KUMANO TETSUHISA
OZAWA HIDENARI
APPLICANT(s): TOKYO GAS CO LTD
APPL. NO.: 2000-092858 [JP 200092858]
FILED: March 30, 2000 (20000330)
INTL CLASS: G06F-017/60 ; G06F-017/40

ABSTRACT

PROBLEM TO BE SOLVED: To realize a price calculation of service for energy saving.

SOLUTION: The service of support system for energy saving comprises a receiving means receiving amount data of energy demand and status data of services of energy supply facilities at established time intervals from a data collecting device for each customer, a data base for energy information of customers storing received data at each customer, a calculating means calculating the real energy cost and the energy cost at the state before getting this service at each calculating intervals for service price with referring of the data base, and calculating the service price of energy saving for each customer on the basis of the calculating result and the predetermined rule. Furthermore, a determining means determining an optimum operating method for the energy supplying facilities of each customer and a transmitting means transmitting information of the optimum operating method to terminals of each customer are added to the system with referring of the data base, so that an service reducing additionally real energy cost becomes available.

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DIALOG(R)File 347:JAPIO
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07028710 **Image available**
SYSTEM AND METHOD FOR BENEFIT ASSOCIATION TYPE CHARGING

PUB. NO.: 2001-256344 [JP 2001256344 A]
PUBLISHED: September 21, 2001 (20010921)
INVENTOR(s): KITAI SHUNICHI
AKABANE YASUTAKA
MORISHITA SHINJI
APPLICANT(s): NTT ME CORP
APPL. NO.: 2000-071184 [JP 200071184]
FILED: March 14, 2000 (20000314)
INTL CLASS: G06F-017/60 ; G06F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a benefit association type charging system which supports business having a future or developmental potential by charging a service user at a service providing price that a service provider sets low according to benefit expansion such as the growth,

efficiency, etc., of the business of the service user.

SOLUTION: A benefit association type charging system S comprises a server 1 which controls the whole system, a display part 2 which controls image display, a reference price setting part 3 which **calculates** a reference **price** as the lower limit of the providing price of service, a benefit coefficient calculation part 4 which finds a coefficient that the calculation of a benefit associative addition amount is based on, a simulation part 5 which **calculates** an effective service **price** producing the benefit of the service user, and a **database** 6 which stores various data. The server 1 comprises a CPU, a memory, a hard disk, etc., and programs and data for operating the benefit association type charging system are stored in the storage part to control the operations of the display part 2, reference price setting part 3, benefit coefficient calculation part 4, simulation part 5, and **database** part 6.

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07015738 **Image available**
SYSTEM AND METHOD FOR INTERMEDIATING BETWEEN PRODUCTION AND SALES FOR ARTICLE WITH DESIGN

PUB. NO.: 2001-243368 [JP 2001243368 A]
PUBLISHED: September 07, 2001 (20010907)
INVENTOR(s): KUME NOBUYUKI
APPLICANT(s): T-GALAXY.COM CO LTD
APPL. NO.: 2000-057322 [JP 200057322]
FILED: March 02, 2000 (20000302)
INTL CLASS: G06F-017/60 ; G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To provide a system to intermediate between production and sales for an article with design, which is easily utilized by a maker, a designer and a customer.

SOLUTION: A system 10 for intermediating between production and sales is provided with an article information receiving part 26 for receiving article information transmitted from the maker, design information receiving part 30 for receiving design information transmitted from the designer, a storage part 22 for storing the article information (article **data base** 62) and the design information (design **data base** 66), a desired condition receiving part 32 for receiving desired conditions, which are transmitted from the customer, on the article with design, an extracting part 34 for extracting the article and the design satisfying the desired conditions, an estimated **price calculating** part 36 for **calculating** the estimated **price** of the article with design combining the extracted article and design, and article-with-design information transmitting part 38 for transmitting the relevant estimated price to the customer.

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15/5/18 (Item 18 from file: 347)
DIALOG(R)File 347:JAPIO
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06961271 **Image available**
ESTIMATION SYSTEM FOR BUILDING

PUB. NO.: 2001-188836 [JP 2001188836 A]
PUBLISHED: July 10, 2001 (20010710)
INVENTOR(s): HARASAWA KAZUYUKI

APPLICANT(s): HARASAWA HOMES CO LTD
APPL. NO.: 11-374028 [JP 99374028]
FILED: December 28, 1999 (19991228)
INTL CLASS: G06F-017/60 ; E04H-001/00; G06F-017/50

ABSTRACT

PROBLEM TO BE SOLVED: To provide an estimation system for a building capable of **calculating** the estimated **price** of the building just by selecting a roof material, an exterior wall material, wall cloth, a kitchen and a bathroom, etc.

SOLUTION: When the displayed image data are selected by an input means (a keyboard 13 and a mouse 14) and data relating to room layout are inputted, the image data are displayed at a display device 12, based on the image data of an image file 21. A control means 15 **calculates** the estimated **price** of the building with the room layout using the image **data**, **based** on the price data of a price file 22 and displays it at the display device 12.

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06939602 **Image available**
VEHICLE DEALING SYSTEM AND METHOD

PUB. NO.: 2001-167151 [JP 2001167151 A]
PUBLISHED: June 22, 2001 (20010622)
INVENTOR(s): SAEKI REIZABURO
APPLICANT(s): TSUBASA SYSTEM CO LTD
APPL. NO.: 11-348170 [JP 99348170]
FILED: December 07, 1999 (19991207)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a vehicle dealing system and method capable of providing information as an enlarged used car market adopting the information of vehicles which are latently used cars although they are still in operation.

SOLUTION: The terminal equipment of used car dealing and an used car information center 102 are connected to the Internet 101 and an open used car **database** 103 and an opening-desired vehicle **database** 104 are prepared in the used car information center 102. It is announced that vehicle selling condition information satisfying a selling condition for a market **price** **calculated** from the information of the open used car **database** 103 is extracted from the opening desired vehicle **database** 104.

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06932552 **Image available**
MANAGEMENT SYSTEM FOR REAL ESTATE INFORMATION

PUB. NO.: 2001-160093 [JP 2001160093 A]
PUBLISHED: June 12, 2001 (20010612)
INVENTOR(s): KOMURA TETSUO
APPLICANT(s): MISAWA HOMES CO LTD
APPL. NO.: 11-343944 [JP 99343944]
FILED: December 02, 1999 (19991202)

INTL CLASS: G06F-017/60 ; G06F-003/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a real estate management system where the variations of real estate prices can be known in time series and the real estate prices can be confirmed on a map, where these prices are visually shown on a display device.

SOLUTION: A CPU 4 of a real estate integrated center C secures correspondence between the price data showing the prices of real estates sold from the real estate agents 2, etc., and the coordinate data shown on a map and stores these price data in time series into a real estate **database** DB. Then the CPU 4 calculates the area-based mean price data and the use-based area mean price data from the price data stored in the **data base** DB via an arithmetic circuit 6, secures correspondence between these **calculated** mean **price** data and the said coordinate data and provides visually the specific area-based real estate mean price data or the use-based area mean price data to the agents 2, etc., and the consumers 3, etc., via an input/output device 5 as the image data, for example.

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DIALOG(R)File 347:JAPIO

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06882285 **Image available**

METHOD AND DEVICE FOR ESTIMATING INSURANCE PREMIUM FOR AUTOMOBILE INSURANCE

PUB. NO.: 2001-109793 [JP 2001109793 A]

PUBLISHED: April 20, 2001 (20010420)

INVENTOR(s): SEKIYA TAKAO

OSAWA RYOICHI

APPLICANT(s): SEKIYA JIDOSHA KK

APPL. NO.: 11-321546 [JP 99321546]

FILED: October 06, 1999 (19991006)

INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To rapidly and correctly execute a work for estimating an insurance premium by previously storing various kinds of data of vehicles in a **database** in connection with the vehicle identification numbers in addition to an insurance premium estimating program and instantaneously and correctly outputting required vehicle information only by means of inputting the vehicle identification number.

SOLUTION: A system is provided with a **database** 16 for storing vehicle data 12 where various elements such as vehicle names, manufacturer names, performance or equipment are made to correspond to the vehicle identification number and also storing the estimating program 14 by which the premium of the automobile insurance is calculated on the basis of specified vehicle conditions, with an input means 18 for inputting the identification number of the vehicle to be the estimation object of the insurance premium and the limiting condition of the insurance premium and with a display means 20 for selecting vehicle information required for **calculating** the **premium** from vehicle data 12 by inputting the identification number, displaying it, **calculating** the **premium** of the automobile insurance by adopting the selected vehicle data 12 as the vehicle condition and also inputting the limiting condition of the insurance premium and displaying the premium.

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15/5/22 (Item 22 from file: 347)

DIALOG(R)File 347:JAPIO

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06824765 **Image available**
COUPON CARD SYSTEM

PUB. NO.: 2001-052259 [JP 2001052259 A]
PUBLISHED: February 23, 2001 (20010223)
INVENTOR(s): UOZUMI NORIE
APPLICANT(s): DAINIPPON PRINTING CO LTD
APPL. NO.: 11-224515 [JP 99224515]
FILED: August 06, 1999 (19990806)
INTL CLASS: G07G-001/12; B42D-015/10; G06F-017/60 ; G06K-017/00;
 G06K-019/07

ABSTRACT

PROBLEM TO BE SOLVED: To repeatedly perform a coupon service by providing a card reader- writer capable of reloading information on the information recording part and reversible display part of a card.

SOLUTION: An article code, discount information and a personal identification code recorded on an information recording part 3 of a card 2 are read by a card reading and reloading means 8 inside a card reader-writer 5. An article code indication 12 on a tag 11 of an article 10 scheduled to be purchased is read by an article code reading part 7. The selling amount data of the article are sent from a **database** 13a, the discount information is sent from the card reader-writer 5 to a data control means 18, and a price amount subtracting a discount amount from the amount data is **calculated** . The article **price** is printed out on a receipt by a printout part 16. In accordance with the contents of a used coupon, the article and discount information on the information recording part 3 and a reversible display part 4 of the card is reloaded and the card 2 is ejected from the card reader-writer 5 and returned to a customer.

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15/5/23 (Item 23 from file: 347)
DIALOG(R)File 347:JAPIO
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06614583 **Image available**
ELECTRONIC SHOPPING SYSTEM HAVING SELF-SCAN PRICE CHECK AND PURCHASE
TERMINAL

PUB. NO.: 2000-200391 [JP 2000200391 A]
PUBLISHED: July 18, 2000 (20000718)
INVENTOR(s): MATSUMORI KUNIIHIKO
APPLICANT(s): FUJITSU LTD
APPL. NO.: 11-348089 [JP 99348089]
FILED: December 07, 1999 (19991207)
PRIORITY: 206450 [US 98206450], US (United States of America), December
 07, 1998 (19981207)
INTL CLASS: G07G-001/00; G06F-017/60 ; G07F-007/08; G07G-001/12

ABSTRACT

PROBLEM TO BE SOLVED: To provide an electronic shopping system where a customer scans the commodities by himself/herself to confirm, the prices of the commodities and also a specific customer can complete even his/her purchase transaction via a self-scan price checking operation.

SOLUTION: A shopping support terminal 10 functions as a price confirmation terminal in a default mode and is adaptively changed into a transaction terminal mode when an effective customer identification **index** is received. A **price** look-up table is maintained in a store **data base** 32, and the item prices are collated with each other and shown on an integrated display screen after the products are scanned. When the terminal 10 is set in the transaction terminal mode, the item data are added to a transaction list that is kept in a memory storage area of a customer ID card.

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DIALOG(R)File 347:JAPIO
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06331145 **Image available**
REAL PROPERTY INFORMATION MANAGEMENT SYSTEM

PUB. NO.: 11-272746 [JP 11272746 A]
PUBLISHED: October 08, 1999 (19991008)
INVENTOR(s): KOMURA TETSUO
APPLICANT(s): MISAWA HOMES CO LTD
APPL. NO.: 10-069087 [JP 9869087]
FILED: March 18, 1998 (19980318)
INTL CLASS: G06F-017/60 ; G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To provide a real property information management system which can visually recognize the price of a real property object by visually presenting a determination process for the price of the real property object and evaluation items to be used in the determination process to easily confirm the determination process and which evaluation item of a real property library is to be used.

SOLUTION: An R organ 1 adds contents not much surpassing 'explanation of important items' to real property evaluation, which is presented from realty dealers 2, 2,... and is generated by housing land and building dealing chief, and takes in them as real property primary information, and a prescribed appraiser group supplements primary information, and real property secondary information based on 'the real property library' of the appraisal result is outputted, and real property primary data and real property secondary data are stored in a **data base** DB in a real property integrating center C. A CPU 4 presents 'the real property library', which is collected from realty dealers 2, 2,... and is stored in the real property **data base** DB, to realty dealers 2, 2,... and consumers 3, 3,... through an input/output device 5. An operation circuit 6 **calculates** a standard **price** in accordance with a program stored in a storage part based on real property data of 'the real property library'.

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15/5/25 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014685134 **Image available**
WPI Acc No: 2002-505838/200254

Method and system for estimating assets price

Patent Assignee: E*VALUE CO (EVAL-N)
Inventor: KANG J G
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002007082	A	20020126	KR 200040824	A	20000715	200254 B

Priority Applications (No Type Date): KR 200040824 A 20000715

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002007082	A		1	G06F-017/60	

Abstract (Basic): KR 2002007082 A

NOVELTY - A method and a system for estimating an assets price are provided to prevent distortion of a price estimating result according to a distorted price or an earning rate by using selectively data

suitable for a specific condition of every usable market data.

DETAILED DESCRIPTION - A bond distribution **database** (D100) and a bond issuing information **database** (D200) stores information (assessment information observed by market) related to many **bonds** for estimating an anticipated bond (bond for assessment) price. An assets price estimating unit(5) estimates the anticipated bond price using the assessment information and stores the result to a model result **database** (D300). A temporary storage (D400) stores a temporary result **calculating** in the assets **price** estimating unit(5). An input unit(1) inputs a lot of external variable used in the assets price estimating unit(5) in order to estimate the price. The input unit(1) inputs the assessment information acquired from the market to the bond distribution **database** (D100) and the bond issuing information **database** (D200) and stores it. An output unit(3) outputs the assessment result in the form for being recognized by a system user and includes a printer and a display.

pp; 1 DwgNo 1/10

Title Terms: METHOD; SYSTEM; ESTIMATE; PRICE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

15/5/26 (Item 2 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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014569960 **Image available**

WPI Acc No: 2002-390663/200242

System and method for trading stocks on the price determined based on other stock markets' price

Patent Assignee: KOREA SECURITIES COMPUTER CORP (KOSE-N)

Inventor: LEE J G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001111789	A	20011220	KR 200032465	A	20000613	200242 B

Priority Applications (No Type Date): KR 200032465 A 20000613

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001111789	A	1	G06F-017/60	

Abstract (Basic): KR 2001111789 A

NOVELTY - A system and a method for trading **stocks** on the price determined based on other stock markets' price are provided so that price variations can be decreased and a contract ratio can be increased by receiving orders for items dealt in the stock exchange market or Kosdaq market in each time slot, making contracts, and applying average prices or closing prices of the stock exchange market or Kosdaq market.

DETAILED DESCRIPTION - A system for exchanging **stocks** has client computers(100-n), a web server(300), a contract server(400) and a settlement server(500). An access path of the system is set up by a network(200) including the Internet. The system is connected to other stock exchange systems such as the stock exchange system(600) and the Kosdaq system(700). The client computer(100-n) has a web browser or selling/buying program, so that investors can see web pages provided from various servers. The web server(300) includes an access management unit(310) and an access management **database** (312), manages network access of the client computer(100-n), and provides a data transmission path between the client computer(100-n) and the contract server(400). The contract server(400) has an order receiving unit(410), a totalizing unit(420), a contract unit(414), an information processing unit(416), a price receiving unit(418), a stock **price calculating** unit(420), a settlement transmitting unit(422), an information transmitting unit(424), an order accepting DB(450), a totalizing DB(452), an information DB(454), an item market price DB(456), an item price DB(458) and an exchange DB(460).

pp; 1 DwgNo 1/10
Title Terms: SYSTEM; METHOD; TRADE; STOCK; PRICE; DETERMINE; BASED; STOCK;
MARKET; PRICE
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

15/5/27 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014504339 **Image available**
WPI Acc No: 2002-325042/200236
XRPX Acc No: N02-255348

Game related right selling method involves calculating right selling
price based on class, popularity, ability, talent of player or team

Patent Assignee: GOINO T (GOIN-I)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002074030	A	20020312	JP 2000267406	A	20000904	200236 B

Priority Applications (No Type Date): JP 2000267406 A 20000904
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002074030	A		18	G06F-017/60	

Abstract (Basic): JP 2002074030 A

NOVELTY - A sumo-wrestling game is widely broadcasted to the
terminals (30) through internet (N) from a server (20). The data of
right and a player (5) or a team and the data for right selling **price**
calculation are stored in a **database** (23). The advertising right
selling **price** is **calculated** based on the class, popularity, ability
and talent of the player or the team, and transmitted to a sponsor.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:

- (a) Game related right selling system;
- (b) Server system;
- (c) Terminal

USE - To acquire various rights such as advertising, televising,
copyright, etc., for games e.g. sumo-wrestling, baseball, soccer,
etc., and also for go, shogi, chess, etc.

ADVANTAGE - Enables to acquire sponsors even when the player is not
very famous. Enables the sponsors to advertise easily without much
expense.

DESCRIPTION OF DRAWING(S) - The figure shows the outline block
diagram of the game related right selling system. (Drawing includes
non-English language text).

Player (5)
Server (20)
Database (23)
Terminal (30)
Internet (N)

pp; 18 DwgNo 1/13

Title Terms: GAME; RELATED; RIGHT; SELL; METHOD; CALCULATE; RIGHT; SELL;
PRICE; BASED; CLASS; ABILITY; PLAY; TEAM
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

15/5/28 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014351378
WPI Acc No: 2002-172081/200222

XRPX Acc No: N02-130785

Computer system for auctioning items such as stocks and bonds has clients from which bids are received coupled to a host server which determines a clearing price from received bids and allocates items to bidders

Patent Assignee: BEAR STEARNS CO INC (BEAR-N)

Inventor: CIOFFI R R; FAHRENKOPF L A; FELDMAN M D; FERGERSON R R; GILLES C; HERZIG P L; MAGUIRE J C; O'NEIL T A; REINMANN R H

Number of Countries: 094 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200209003	A1	20020131	WO 2001US22952	A	20010720	200222 B
AU 200177046	A	20020205	AU 200177046	A	20010720	200236

Priority Applications (No Type Date): US 2000621254 A 20000721

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200209003	A1	E 34	G06F-017/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200177046	A		G06F-017/60	Based on patent WO 200209003
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Abstract (Basic): WO 200209003 A1

NOVELTY - The server maintains a **database** with information about the client participants and **calculates** a clearing **price** from all bids received. Bidders offering more than the clearing price are given their full allocation of items while those offering the clearing price are given a proportion of the items bid for.

DETAILED DESCRIPTION - The auction normally concludes after a set period but may be extended to receive changed bids. Bid changes are accepted only if the price bid is better than the clearing **price** which is **calculated** to ensure that all available items are sold.

An INDEPENDENT CLAIM is included for a method of auctioning a number of items.

USE - Auctioning items such as **stocks** and **bonds** .

ADVANTAGE - None specifically stated.

pp; 34 DwgNo 0/5

Title Terms: COMPUTER; SYSTEM; ITEM; STOCK; BOND; CLIENT; BID; RECEIVE; COUPLE; HOST; SERVE; DETERMINE; CLEAR; PRICE; RECEIVE; BID; ALLOCATE; ITEM

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

15/5/29 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014351190 **Image available**

WPI Acc No: 2002-171893/200222

XRPX Acc No: N02-130654

System for trading financial instruments updates offering inventory, national best bid and offer price or derived price of financial instrument in offering inventory

Patent Assignee: UBS PAINEWEBBER INC (UBSP-N)

Inventor: NARATIL T C

Number of Countries: 095 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200207039	A2	20020124	WO 2001US21806	A	20010709	200222 B
AU 200178897	A	20020130	AU 200178897	A	20010709	200236

Priority Applications (No Type Date): US 2000617853 A 20000717

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200207039 A2 E 23 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200178897 A G06F-017/60 Based on patent WO 200207039

Abstract (Basic): WO 200207039 A2

NOVELTY - System comprises an updatable system **database**, an updatable offering inventory **database** which receives real-time price and quantity information for each **financial instrument** from a market data feed provided by interdealer brokers, and a system proprietor determining the national best bid and offer price and a derived price. The proprietor applies a price improvement process to a trade if an offsetting trade occurs, and updates the system **database** and offering inventory to reflect transactions executed by the system. The system cancels or revises orders, notifies users of order execution, and updates the inventories.

DETAILED DESCRIPTION - A filter process removes incorrect market data from the offering inventory and the derived **price** is **calculated** by determining the captured spread between the last transaction price and the desired benchmark for the **financial instrument**, determining the current price and adding the spread to the existing price. There is an INDEPENDENT CLAIM for a method of data processing high liquidity **financial instruments**.

USE - System is for automated trading of US Treasury **securities**, liquid agencies and zero-coupon strips.

ADVANTAGE - System provides consumers with the best price at the time of execution and retrieves prices for future analysis, and uses historical data to price **securities** if active quotes are unavailable.

DESCRIPTION OF DRAWING(S) - The figure shows the relationship between system components.

pp; 23 DwgNo 1/3

Title Terms: SYSTEM; TRADE; FINANCIAL; INSTRUMENT; UPDATE; OFFER; INVENTORY
; NATION; BID; OFFER; PRICE; DERIVATIVE; PRICE; FINANCIAL; INSTRUMENT;
OFFER; INVENTORY

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

15/5/30 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014341391 **Image available**

WPI Acc No: 2002-162094/200221

Payment method and system by using floating ip

Patent Assignee: STUDY MARKET CO LTD (STUD-N)

Inventor: LEE J U

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001088461	A	20010928	KR 200141912	A	20010712	200221 B

Priority Applications (No Type Date): KR 200141912 A 20010712

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

KR 2001088461 A 1 G06F-017/60

Abstract (Basic): KR 2001088461 A

NOVELTY - A payment method and system is provided to transmit a price of a purchased commodity to a carrier with a floating IP of an

accessing purchaser, to deliver the purchased commodity to the purchaser by using the personal data and to levy commodity price with a communication charge.

DETAILED DESCRIPTION - The method comprises steps of a commodity purchaser requesting a floating IP (Internet Protocol)(411), a network access server offering the floating IP to the purchaser(413), the network access server storing the floating IP at a purchaser management **database** (415), the network access server informing the carrier of the floating IP (417), the purchaser selecting a commodity(419), an electronic commerce server requesting a certification of the purchaser to a certification server(421), the certification server comparing the floating IP of the purchaser accessing the electronic commerce server with that stored in the purchaser management **database** (423), transmitting the commodity **price** to a charge **calculation** server(425), the charge **calculation** server storing the commodity price at the purchaser management **database** (427), the electronic commerce server informing a normal purchase process of the purchaser via a phone or an e-mail(429), the electronic commerce server requesting the personal data of the purchaser to a communication server for delivering the commodity(431), the communication server transmitting the personal data to the electronic commerce server(433), and the carrier **calculating** the purchase **price** for a month and requesting the purchaser to pay for the purchased commodities with the communication charge till a designated day(437).

pp; 1 DwgNo 1/10

Title Terms: PAY; METHOD; SYSTEM; FLOAT; IP

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

15/5/31 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014291487 **Image available**

WPI Acc No: 2002-112188/200215

System and method for managing selling products

Patent Assignee: NEOPOP CORP (NEOP-N)

Inventor: CHA J H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001081790	A	20010829	KR 20007912	A	20000218	200215 B

Priority Applications (No Type Date): KR 20007912 A 20000218

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001081790	A		1 G06F-017/60	

Abstract (Basic): KR 2001081790 A

NOVELTY - A system and method for managing selling products is provided to effectively manage products by **calculating** a reduced **price** by residual terms of distribution of products sold, and by opening residual terms of distribution and prices calculated to the public by manufacturing companies and items.

DETAILED DESCRIPTION - An article providing company server(11) provides information on products. A bar code reader(10) reads a bar code of an article and obtains information on the article in case that the article is stocked. An Internet server(13) sends a relevant article to an applicant and transmits information on the amount of selling by products. An article management server(14) receives the information on products from the article providing company server(11). An article **database** (15) stores the information on products and prices transmitted from the article management server(14). A waste management system(16) receives information on wastes transmitted from the article management server(14). A stock management system(17) receives information on **stocks** transmitted from the article management server(14).

pp; 1 DwgNo 1/10
Title Terms: SYSTEM; METHOD; MANAGE; SELL; PRODUCT
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

15/5/32 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014222737 **Image available**
WPI Acc No: 2002-043435/200206
Related WPI Acc No: 2002-043434
XRPX Acc No: N02-032281

Server for managing online allocation of stock in an initial public offering by recording of potential subscribers in a database and then management of their bids for stock at varying prices so that the price obtained is optimized

Patent Assignee: CAPITAL AUCTION (CAPI-N); GATTY J (GATT-I)

Inventor: GATTY J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2808356	A1	20011102	FR 20005538	A	20000428	200206 B
			FR 200010463	A	20000809	

Priority Applications (No Type Date): FR 200010463 A 20000809; FR 20005538
A 20000428

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2808356	A1	46	G06F-017/60	Add to application	FR 20005538

Abstract (Basic): FR 2808356 A1

NOVELTY - Server comprising microprocessor and memory (12-18) with software for executing the following steps: definition of a guaranteed offer price for each stock and undertaking of a optimization **calculation for this price**.

DETAILED DESCRIPTION - Device manages initial offering by recording potential subscribers and their offered price and number of **shares** required, transmission to the potential subscribers indicating the amount of **shares** allocated at the requested price, inquiry to the subscribers if they wish to raise or lower theirs bids as a function of stock received at the price they offered, redefinition of a price as a function of answers to the previous inquiry and commencement of another auction round. This is continued until no bidder wishes to revise his offer at which point successful bidders are registered as such.

USE - The invention relates particularly to initial public offerings in which a number of buyers make bids for **shares** in a company and receive allocations according to their offers at a range of prices over a number of auction rounds.

ADVANTAGE - The price obtained in an initial public offering is maximized.

DESCRIPTION OF DRAWING(S) - Figure shows a schematic view of the invention system.

server (10)
server memory (12-18)
bidders. (20, 22, 24, 26)
pp; 46 DwgNo 1/9

Title Terms: SERVE; MANAGE; ALLOCATE; STOCK; INITIAL; PUBLIC; OFFER; RECORD
; POTENTIAL; SUBSCRIBER; **DATABASE** ; MANAGEMENT; BID; STOCK; VARY; PRICE;
SO; PRICE; OBTAIN
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

15/5/33 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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013861121 **Image available**
WPI Acc No: 2001-345333/200137
XRPX Acc No: N01-250186

**Computer system for financial transaction, having index data base ,
post data base , calculation unit, and transaction unit for managing
posts of portfolio**

Patent Assignee: UBS AG (UBSU-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 20020589	U1	20010222	DE 2000U2020589	U	20001205	200137 B

Priority Applications (No Type Date): DE 2000U2020589 U 20001205

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 20020589	U1	28	G06F-017/60	

Abstract (Basic): DE 20020589 U1

NOVELTY - The computer system (100) contains an index **data base** (170) for storing data of a predetermined, time wise changeable reference index, and a post **data base** (180) for storing data of one or several stock-exchange posts to be exchanged. A calculation unit (160) is provided for calculating an exchange ratio between a paper and at least one post of the **portfolio** based on at least one current course of the reference **index** and a current **price** of the at least one post. A transaction unit (150) delivers at least one post to the investor, according to the calculated exchange rate, in response to an exchange request of, either the seller or the investor, or because of an expiry of the paper.

USE - For financial transaction between seller of paper and purchasing investor, whereby paper is traded in posts of **portfolio** .

ADVANTAGE - Provides fast and efficient transaction.

DESCRIPTION OF DRAWING(S) - The figure shows an arrangement according to the invention.

computer system (100)
index **data base** (170)
post **data base** (180)
calculation unit (160)
transaction unit (150)
pp; 28 DwgNo 1/3

Title Terms: COMPUTER; SYSTEM; FINANCIAL; TRANSACTION; INDEX; DATA; BASE;
POST; DATA; BASE; CALCULATE; UNIT; TRANSACTION; UNIT; MANAGE; POST;

PORTFOLIO

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

15/5/34 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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013385481 **Image available**
WPI Acc No: 2000-557419/200051
XRPX Acc No: N00-412455

**Monte Carlo system for pricing of financial instruments , stimulates
via stochastic statistical sampling on historical asset data for desired
option based on input parameter to derive option price**

Patent Assignee: OPTIONS TECHNOLOGY CO INC (OPTI-N)
Inventor: MAKIVIC M S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6061662	A	20000509	US 9624100	A	19960816	200051 B
			US 97911252	A	19970815	

Priority Applications (No Type Date): US 9624100 P 19960816; US 97911252 A 19970815

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6061662	A		21	G06F-017/60	Provisional application US 9624100

Abstract (Basic): US 6061662 A

NOVELTY - **Database** server has historical data on option and its asset. Software installed on computer simulates via stochastic statistical sampling on the asset data for desired option based on user input parameter, using Monte Carlo path integral simulation **algorithm** to derive option **price** and price sensitivity parameter in single simulation and outputs graphical form of simulation for underlying asset to user.

DETAILED DESCRIPTION - The **database** server is accessed by user via the personal computer. The user enters input parameters for desired option into computer via an interface network like telecommunication network. INDEPENDENT CLAIMS are also included for the following:

- (a) method for deriving option price on underlying asset;
- (b) method of deriving price sensitivity parameter of an option

USE - For pricing of **financial instruments** such as derivative securities .

ADVANTAGE - Enables performing online, network based quantitative analysis and derivative valuation for market participants. Statistical analysis of historical data can be performed and is capable of computing an implied volatility. Permits user with limited market sophistication to perform simulations based on historical data and choice of option strategies. Enables to compute sensitivities to model parameters in a single pass and to evaluate American option.

DESCRIPTION OF DRAWING(S) - The figure represents exemplary system output showing histogram of price changes and Gaussian fit.

pp; 21 DwgNo 3/5

Title Terms: SYSTEM; PRICE; FINANCIAL; INSTRUMENT; STIMULATING; STOCHASTIC; STATISTICAL; SAMPLE; HISTORY; DATA; OPTION; BASED; INPUT; PARAMETER; DERIVATIVE; OPTION; PRICE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

15/5/35 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013156306 **Image available**

WPI Acc No: 2000-328178/200028

XRPX Acc No: N00-247016

Interactive data processing method for online financial system, involves maintaining access to database with complete service to all accounts during service request by providing valuations and sorted lists

Patent Assignee: POWER FINANCIAL GROUP INC (POWE-N)

Inventor: SEGAL G A; ZERENNER E H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6049783	A	20000411	US 9755403	A	19970808	200028 B
			US 9886738	A	19980529	

Priority Applications (No Type Date): US 9755403 P 19970808; US 9886738 A 19980529

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6049783	A		6	G06F-017/60	Provisional application US 9755403

Abstract (Basic): US 6049783 A

NOVELTY - Client establishes filtering and sorting on interactive server in separate account, to set and modify parameters for each

account. Timely access to source of data is provided to retrieve valuations, client information, graph or other report, thus maintaining access to **database** for complete service during request to all accounts.

DETAILED DESCRIPTION - Data is processed from browser compatible page. The client criteria are selected from open interest, percent if called, percent if not called, in money or out of money, optional month, search criteria, stock price, volume, volatility or **Black - Scholes** value, etc. **Valuations** may tend to be for months or long term leap **options**.

USE - For accessing online financial data within server to meet user criteria in business and financial system used for automated renewal accounts system using digital computer for updating security information of multiple accounts.

ADVANTAGE - Individual investor could make use of speed of computer is same way as **investment** professionals, as **investment** data is presented to individuals in a read only format with content being generic in nature. Thus individual investor can directly interact with **database** in order to extract information according to individual needs. Hence individual criteria is input and changed to explore different scenarios.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of multitask account on server.

pp; 6 DwgNo 2/2

Title Terms: INTERACT; DATA; PROCESS; METHOD; FINANCIAL; SYSTEM; MAINTAIN; ACCESS; **DATABASE**; COMPLETE; SERVICE; ACCOUNT; SERVICE; REQUEST; SORT; LIST

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

15/5/36 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012089330 **Image available**

WPI Acc No: 1998-506241/199843

XRPX Acc No: N98-394696

BOLI plan design and administration system for financial organisation - calculates maximum risks and premium values re-insurable through a captive insurance company of the financial organisation based on which policy values are obtained

Patent Assignee: BENNETT C D (BENN-I); KELLY W F (KELL-I); WAMBERG W T (WAMB-I)

Inventor: BENNETT C D; KELLY W F; WAMBERG W T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5806042	A	19980908	US 95540695	A	19951011	199843 B

Priority Applications (No Type Date): US 95540695 A 19951011

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5806042	A		17	G06F-017/60	

Abstract (Basic): US 5806042 A

The system determines the highest bank owned life insurance premium permitted under Office of the Controller of the Currency banking guidelines. The insurable interest requirements are determined by accessing a **database** using the appropriate state's insurable interest guide lines. The performance estimates of BOLI plan are generated to ensure compliance with risk based **capital** requirements.

The premium amount for the business unit and the employee are allocated after calculating the regulatory requirements for both. The maximum risks and premium values reinsurable through a captive insurance company of the financial organisation. The policy values are obtained by the captive insurance company and are verified, reconciled

and consolidated. Based on the reported policy values, administrative procedures are laid out.

ADVANTAGE - Enables modeling reinsurance company financials to measure impact on surplus and testing life company tax status.

Dwg.1/8

Title Terms: PLAN; DESIGN; ADMINISTER; SYSTEM; FINANCIAL; ORGANISE;
CALCULATE; MAXIMUM; RISK; PREMIUM; VALUE; THROUGH; CAPTIVE; INSURANCE;
COMPANY; FINANCIAL; ORGANISE; BASED; VALUE; OBTAIN

Index Terms/Additional Words: BANK; OWNED; LIFE; INSURANCE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

16/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07231333 **Image available**
DEVICE FOR ESTIMATING DOCUMENT GENERATING EXPENDITURE, IDEA APPLYING DEVICE
USING THE SAME AND THEIR METHODS

PUB. NO.: 2002-099781 [JP 2002099781 A]
PUBLISHED: April 05, 2002 (20020405)
INVENTOR(s): IWASE SUMIO
NAKAZAWA HIROSHI
FUKAHORI KENICHI
APPLICANT(s): SONY CORP
APPL. NO.: 2000-288807 [JP 2000288807]
FILED: September 22, 2000 (20000922)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a document generating expenditure estimating device for automatically estimating document generating expenditure.

SOLUTION: Information concerning a prescribed document element and document element generating expenditure data corresponding to it are stored in a database DB2. An estimating part 13 inputs at least one piece of information concerning the document element required for generating a document to be estimated and document element generating expenditure data corresponding to the inputted information concerning the document element is retrieved from the database DB. Then expenditure for generating the document to be estimated is calculated based on the retrieved document element generating expenditure data. For example, the expenditure for generating the document to be estimated is **calculated** based on the **total value** of document element generating expenditure data retrieved from the **database DB2**.

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16/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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07205554 **Image available**
METHOD FOR ASSISTING TRANSACTION AND STORAGE MEDIUM RECORDING PROGRAM FOR
ASSISTING TRANSACTION

PUB. NO.: 2002-073985 [JP 2002073985 A]
PUBLISHED: March 12, 2002 (20020312)
INVENTOR(s): YOKOTA TAKESHI
KOBAYASHI YASUHIRO
KUBO OSAMU
IKEDA YUICHI
SEKIMOTO TAKAO
SHIMOKAWA TOSHIYUKI
NAKAGAWA MASAYUKI
NORICHIKA YUKIKO
APPLICANT(s): HITACHI LTD
APPL. NO.: 2000-257167 [JP 2000257167]
FILED: August 28, 2000 (20000828)
INTL CLASS: G06F-017/60; G06F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To construct a method for providing information assisting an investment behavior based on prediction of a future investment behavior of an actual investor through reflection of momentarily changing market condition and performing an actual investment behavior automatically.

SOLUTION: The system includes an investment behavior input device 1, a market information database 2, a security holding condition database 3, an investment behavior rule database 4, a market information input device 5, a market condition predicting device 6, an investment behavior database 7, a predicted price database 8, an investment behavior rule correcting device 9, an investment behavior rule correcting device 10 using market information, an automatic transaction device 11, a predicted result display 12, a market price calculating rule correcting device 13, and a market price calculating rule database 14.

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16/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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07028710 **Image available**
SYSTEM AND METHOD FOR BENEFIT ASSOCIATION TYPE CHARGING

PUB. NO.: 2001-256344 [JP 2001256344 A]
PUBLISHED: September 21, 2001 (20010921)
INVENTOR(s): KITAI SHUNICHI
AKABANE YASUTAKA
MORISHITA SHINJI
APPLICANT(s): NTT ME CORP
APPL. NO.: 2000-071184 [JP 200071184]
FILED: March 14, 2000 (20000314)
INTL CLASS: G06F-017/60; G06F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a benefit association type charging system which supports business having a future or developmental potential by charging a service user at a service providing price that a service provider sets low according to benefit expansion such as the growth, efficiency, etc., of the business of the service user.

SOLUTION: A benefit association type charging system S comprises a server 1 which controls the whole system, a display part 2 which controls image display, a reference price setting part 3 which calculates a reference price as the lower limit of the providing price of service, a benefit coefficient calculation part 4 which finds a coefficient that the calculation of a benefit associative addition amount is based on, a simulation part 5 which calculates an effective service price producing the benefit of the service user, and a database 6 which stores various data. The server 1 comprises a CPU, a memory, a hard disk, etc., and programs and data for operating the benefit association type charging system are stored in the storage part to control the operations of the display part 2, reference price setting part 3, benefit coefficient calculation part 4, simulation part 5, and database part 6.

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06939602 **Image available**
VEHICLE DEALING SYSTEM AND METHOD

PUB. NO.: 2001-167151 [JP 2001167151 A]
PUBLISHED: June 22, 2001 (20010622)
INVENTOR(s): SAEKI REIZABURO
APPLICANT(s): TSUBASA SYSTEM CO LTD
APPL. NO.: 11-348170 [JP 99348170]
FILED: December 07, 1999 (19991207)

INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a vehicle dealing system and method capable of providing information as an enlarged used car market adopting the information of vehicles which are latently used cars although they are still in operation.

SOLUTION: The terminal equipment of used car dealing and an used car information center 102 are connected to the Internet 101 and an open used car database 103 and an opening-desired vehicle database 104 are prepared in the used car information center 102. It is announced that vehicle selling condition information satisfying a selling condition for a market **price calculated** from the information of the open used car database 103 is extracted from the opening desired vehicle **database** 104.

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Payment method and system by using floating ip

Patent Assignee: STUDY MARKET CO LTD (STUD-N)
Inventor: LEE J U
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001088461	A	20010928	KR 200141912	A	20010712	200221 B

Priority Applications (No Type Date): KR 200141912 A 20010712

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001088461	A	1	G06F-017/60	

Abstract (Basic): KR 2001088461 A

NOVELTY - A payment method and system is provided to transmit a price of a purchased commodity to a carrier with a floating IP of an accessing purchaser, to deliver the purchased commodity to the purchaser by using the personal data and to levy commodity price with a communication charge.

DETAILED DESCRIPTION - The method comprises steps of a commodity purchaser requesting a floating IP(Internet Protocol)(411), a network access server offering the floating IP to the purchaser(413), the network access server storing the floating IP at a purchaser management **database** (415), the network access server informing the carrier of the floating IP(417), the purchaser selecting a commodity(419), an electronic commerce server requesting a certification of the purchaser to a certification server(421), the certification server comparing the floating IP of the purchaser accessing the electronic commerce server with that stored in the purchaser management database(423), transmitting the commodity **price** to a charge **calculation** server(425), the charge calculation server storing the commodity price at the purchaser management database(427), the electronic commerce server informing a normal purchase process of the purchaser via a phone or an e-mail(429), the electronic commerce server requesting the personal data of the purchaser to a communication server for delivering the commodity(431), the communication server transmitting the personal data to the electronic commerce server(433), and the carrier **calculating** the purchase **price** for a month and requesting the purchaser to pay for the purchased commodities with the communication charge till a designated day(437).

pp; 1 DwgNo 1/10

Title Terms: PAY; METHOD; SYSTEM; FLOAT; IP
Derwent Class: T01

International Patent Class (Main): G06F-017/60
File Segment: EPI

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